



Annual Report

# Hospitals for the Insane

Province of Ontario

1911

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Forty-Fourth Annual Report

OF THE

Inspector of Prisons and Public Charities

UPON THE

Hospitals for the Insane

OF THE

PROVINCE OF ONTARIO

Being for the Year ending 31st October

1911

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PRINTED BY ORDER OF  
THE LEGISLATIVE ASSEMBLY OF ONTARIO

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TORONTO:

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1912



Printed by  
WILLIAM BRIGGS,  
29-37 Richmond Street West,  
TORONTO

PARLIAMENT BUILDINGS,

TORONTO, *January 22nd, 1912.*

To His Honour SIR JOHN MORISON GIBSON, K.C.M.G., K.C., LL.D., etc.  
*Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

I beg to submit herewith the Forty-fourth Annual Report upon the Hospitals for the Insane of Ontario, being for the official year ending on the 31st October, 1911.

I have the honour to be,

Your Honour's most obedient servant,

W. J. HANNA,

*Provincial Secretary.*

OFFICE OF THE  
INSPECTOR OF PRISONS AND PUBLIC CHARITIES, ONTARIO.

PARLIAMENT BUILDINGS, TORONTO, January 15th, 1912.

SIR,—We have the honour to transmit herewith, to be presented to His Honour the Lieutenant-Governor, the Forty-fourth Annual Report upon the Hospitals for the Insane of Ontario, being for the official year ending 31st October, 1911.

We have the honour to be, Sir,

Your obedient servants,

C. R. W. POSTLETHWAITE,

EDWIN R. ROGERS,

*Inspectors.*

THE HONOURABLE W. J. HANNA, M.P.P.,

Provincial Secretary of the Province of Ontario,

Toronto.



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# Report

*Of Inspectors, C. R. W. Postlethwaite and E. R. Rogers, for the year ending 31st October, 1911.*

## GENERAL.

There has been a slight increase in the number of insane persons confined in the Hospitals for the Insane. The following table shows total number in residence on 31st October, 1911, exclusive of Hospital for Feeble-Minded at Orillia and Hospital for Epileptics at Woodstock.

	1910.	1911.
Male .....	2,688	2,715
Female .....	2,921	2,925
	<hr/>	<hr/>
	5,609	5,640

being a net increase of 31.

The daily average population was 5,592 in 1911 as compared with 5,541 in 1910, an increase of 51. During the year there were 1,144 admissions. The total number discharged was 542 as follows:

Discharged recovered .....	299
Discharged improved .....	218
Discharged unimproved .....	25

The total population of Insane, Idiotic and Epileptic in the Province is 6,803, or about one in every 367 of the general population of the Province, as compared with one in every 200 in New York State. The present capacity of the Hospitals for Insane is 6,522.

That the Hospitals for the Insane in the Province are economically administered is evidenced by the fact that one-eighth of the total annual expenditure of the Province is for the care of the insane, as compared with one-sixth in New York State, while the annual Tax in this Province is only forty one cents on every man, woman and child, as compared with seventy cents in New York State. The cost of caring for the insane last year was \$1,043,145.57.

## REVENUE.

The total revenue collected from paying patients and other sources for the year ending 31st October, 1911, was \$332,101.55 made up as follows:

—	1910	1911	Increase.
	\$ c.	\$ c.	\$ c.
From paying patients.....	191,076 85	207,593 24	16,516 39
“ farm and miscellaneous sources....	10,875 13	10,894 51	19 38
	<hr/>	<hr/>	
	201,951 98	218,487 75	
To which add annual amount collected from municipalities under 6 Edward VII., Chap. 9.....	109,194 40	113,613 80	
	<hr/>	<hr/>	
	311,146 38	332,101 55	

The small increase in "Farm and Miscellaneous" is accounted for by the fact that the farm produce was sold at a lower figure than in 1910. The farm produce is priced at a considerably lower figure than the ordinary market price.

Statement showing revenue collected from paying patients from 31st October, 1904, to 31st October, 1911.

Year.	Population.	Yearly. Collection.	Yearly Increase.	Total.
		\$ c.	\$ c.	\$ c.
31st Oct., 1904.....	5,597	165,838 31	.....	.....
" " 1908.....	6,219	162,160 38	.....	56,332 07
" " 1909.....	6,388	167,597 41	5,437 02	61,769 10
" " 1910.....	6,483	191,076 85	23,479 44	85,248 54
" " 1911.....	6,501	207,193 24	16,516 39	101,764 93

From the above statement it would appear that while the increase in population for the seven years is 16 per cent., the increase in revenue collections is 96 per cent.

#### DEPORTATION.

During the year 226 undesirables were deported, as follows:

Number of insane deported .....	30
Number of criminals deported .....	156
Number likely to become a public charge deported..	40

Total for year ..... 226

Up to and including 31st October, 1911, there have been deported as follows:

Year.	Insane.	Criminal.	Likely to be- come a public charge.	Total.
1906.....	19	.....	.....	19
1907.....	54	4	29	87
1908.....	65	81	117	263
1909, 10 months.....	28	88	52	168
1910.....	28	99	21	148
1911.....	30	156	40	226
Totals .....	224	428	259	911

#### IMPROVEMENTS IN BUILDINGS.

At the Hospital for the Insane at London, a canning plant was installed by means of which fruit and vegetables were provided for the patients, and a supply was also sent to the other institutions.



At Penetanguishene many improvements were made to buildings and grounds.

At Kingston the water main was extended and a chlorination plant installed. The fire protection system was enlarged, two new stand pipes 100 feet high having been installed in the main building. A special diet kitchen was equipped. A new green house, 65 feet long was erected and the old one was rebuilt.

At Mimico the covering of the subways was completed, additional coal vaults were provided, a new high pressure boiler was installed, and 300 fruit trees were added to the orchard.

At Hamilton the piggery was completed, the buildings at Hickory Farm were improved by additions, cement walks were constructed, and the lighting system extended.

At Brockville numerous improvements were made in the Engineers department, and the buildings on the farm have been added to.

C. R. W. POSTLETHWAITE,  
EDWIN R. ROGERS,

*Inspectors.*

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TABLE

Showing movements of patients in the Hospital

	Brockville Hospital.			Cobourg Hospital.			Hamilton Hospital.			Kingston Hospital.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	330	330	660	...	155	155	635	624	1,259	311	282	593
In Residence, Oct. 31st, 1910..	339	340	679	...	145	145	603	620	1,223	313	272	585
Admitted during year 1911:—												
By Warrant .....	10	7	17	...	15	15	62	26	88	5	3	8
By Medical Certificate...	54	53	107	...	14	14	50	71	121	43	57	100
Total number under treatment during year.....	403	400	803	...	174	174	715	717	1,432	361	332	693
Discharges during year:—												
As recovered.....	15	11	26	...	...	...	14	13	27	24	34	58
As improved.....	8	13	21	...	...	...	18	21	39	3	8	11
As unimproved.....	2	1	3	...	...	...	2	2	4	2	1	3
As not insane.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total number discharged during year.....	25	25	50	...	...	...	34	36	70	29	43	72
Died .....	21	32	53	...	11	11	50	39	89	34	22	56
Deported .....	.....	.....	.....	...	1	1	7	2	9	.....	.....	.....
Eloped .....	3	.....	3	...	.....	.....	4	.....	4	1	.....	1
Transferred .....	4	.....	4	...	7	7	8	1	9	.....	5	5
Total number admitted since opening of Hospital....	1,191	1,172	2,363	...	266	266	2,867	2,875	5,742	2,458	2,132	4,590
Total number discharged since opening of Hospital....	387	455	842	...	6	6	1,049	1,220	2,269	1,059	971	2,030
Total number died since opening of Hospital.....	399	294	693	...	77	77	893	766	1,659	780	597	1,377
Total number deported since opening of Hospital....	3	4	7	...	2	2	17	4	21	4	2	6
Total number eloped since opening of Hospital....	29	2	31	...	.....	.....	94	9	103	75	1	76
Total number transferr'd since opening of Hospital....	23	74	97	...	26	26	202	237	439	243	299	542
Total remaining in Hospital, Oct. 31st, 1911.....	350	343	693	...	155	155	612	639	1,251	297	262	559
Number of applications on fyle	7	5	12	...	.....	.....	11	11	22	24	24	48
Daily average population ....	349	342	691	...	151	151	609	631	1,240	303	262	565
Collective days' stay of all patients in residence during year.....	127,437	124,863	252,300	.....	55,286	55,286	222,249	230,478	452,727	110,635	95,847	206,482

## No. 1.

for the year ending October 31st, 1911.

London Hospital.			Mimico Hospital.			Penetang Hospital.			Toronto Hospital.			Totals.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
511	555	1,066	310	310	620	165	204	369	426	426	852	2,688	2,886	5,574
529	565	1,094	300	302	604	161	203	364	443	474	917	2,688	2,921	5,609
29 73	13 82	42 155	36 28	20 46	56 74	4 6	9 10	13 16	56 104	22 132	78 236	202 358	115 465	317 823
631	660	1,291	364	368	732	171	222	393	603	628	1,231	3,248	3,501	6,749
43 16 4	42 13 .....	85 29 4	18 5 .....	28 8 1	46 13 1	..... ..... 1	1 1 .....	1 1 1	21 45 6	35 59 3	56 104 9	135 95 17	164 123 8	299 218 25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63 30 2 3 .....	55 44 ..... .....	118 74 2 3 .....	23 15 2 ..... 4	37 20 ..... ..... 16	60 35 2 ..... 20	1 6 1 ..... .....	2 15 ..... ..... 1	3 21 1 ..... 1	72 44 14 8 25	97 32 8 1 24	169 76 22 9 49	247 200 26 19 41	295 215 11 1 54	542 415 37 20 95
3,464	3,139	6,603	1,423	1,364	2,787	242	291	533	5,701	5,443	11,144	17,346	16,682	34,028
1,456	1,375	2,831	425	420	845	17	21	38	2,848	2,928	5,776	7,241	7,396	14,637
1,105	943	2,048	387	366	753	41	58	99	1,548	1,265	2,813	5,153	4,366	9,519
8	1	9	34	4	38	8	.....	8	53	17	70	127	34	161
118	15	133	32	1	33	6	.....	6	135	16	151	489	44	533
244	244	488	225	278	503	7	8	15	677	751	1,428	1,621	1,917	3,538
533	561	1,094	320	295	615	163	204	367	440	466	906	2,715	2,925	5,640
22	13	35	76	23	99	.....	.....	.....	20	22	42	160	98	258
541	561	1,102	314	301	615	163	198	361	429	438	867	2,708	2,884	5,592
197,330	204,915	402,245	114,445	109,952	224,397	59,666	72,394	132,060	156,280	159,636	315,916	988,042	1,053,071	2,041,113

TABLE No. 2.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>						
Single .....	307	246	553	9,737	6,897	16,634
Married .....	219	269	488	7,484	9,566	17,050
Widowed .....	33	65	98	104	208	312
Divorced .....	1	.....	1	3	1	4
Separated .....	.....	.....	.....	7	2	9
Unascertained .....	.....	.....	.....	11	8	19
Total .....	560	580	1,140	17,346	16,682	34,028
<b>RELIGION.</b>						
Baptists .....	28	28	56	690	737	1,427
Congregationalists .....	4	3	7	123	137	260
Episcopalians .....	97	132	229	3,808	3,615	7,423
Methodists .....	144	110	254	3,706	3,899	7,605
Presbyterians .....	102	119	221	3,418	3,294	6,712
Roman Catholics .....	103	120	223	3,673	3,581	7,254
Other Denominations .....	45	36	81	1,257	1,039	2,296
Unascertained .....	37	32	69	671	380	1,051
Totals.....	560	580	1,140	17,346	16,682	34,028



TABLE No. 3,

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.	Admissions since opening.
Total born in Canada .....	826	19,977
Armenia .....		1
Assyria .....		8
Austria .....	3	13
Australia .....		1
Belgium .....		
Bulgaria .....		
Central America .....		
China .....		4
Denmark .....		6
England .....	147	4,347
France .....	2	23
Finland .....	3	28
Galicia .....	3	3
Germany .....	8	209
Greece .....	1	3
Holland .....		2
Hungary .....		1
Ireland .....	53	4,972
Italy .....	7	35
Japan .....		
Macedonia .....		2
Other British Possessions.....	1	210
Norway .....	1	11
Roumania .....	1	4
Russia .....	5	66
Scotland .....	40	2,280
South America .....		4
Switzerland .....		6
Sweden .....	3	29
Turkey .....		5
United States .....	30	909
West Indies .....		7
Unascertained and other countries .....	6	862
Totals.....	1,140	34,028

TABLE No. 4.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetanguishene Hospital.	Toronto Hospital.	Admitted this year.	Since opening.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.....	1 ....		1	1	2	2 ....		8	15	538
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.....	11 ....		13	7	7	5 ....		36	79	1,589
Agricultural and Pastoral:— Farmers, Gardeners, Stock Men, etc.	22 ....		17	16	41	19 ....		17	132	5,323
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters. Police, etc. ....	4 ....		15	9	17	8	1	34	88	1,547
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc. ....	7	5	13 ....		10	5	1	48	89	2,129
Domestic Service:— Waiters, Cooks, Servants, etc.....	10	7	11	4	15	6	9	24	86	3,452
Education and Higher Domestic Duties: Governesses, Teachers, Students, Housekeepers, Nurses, etc.....	48	11	60	48	75	51	9	97	399	9,988
Miners, Marine Engineers, Railway Employees, Seamen, etc.....	2 ....		1	2	4	2 ....		4	15	317
Laborers .....	19 ....		42	8	20	24	8	29	150	4,724
No Occupation .....	....	6	36	12	6	8	1	12	81	2,039
Unascertained .....	....	....	....	1 ....	....	....	....	5	6	2,382
Totals .....	124	29	209	108	197	130	29	314	1,140	34,028

TABLE No. 5.

Showing the Counties and Districts from which patients have been admitted during the year ending October 31st, 1911, and the Hospitals they were assigned to,

Counties and Districts.	Number received under warrant process.	Number received from private houses by medical certificates.	Total number received from respective counties during the year.	Assigned to Brockville Hospital.	Assigned to Cobourg Hospital.	Assigned to Hamilton Hospital.	Assigned to Kingston Hospital.	Assigned to London Hospital.	Assigned to Mimico Hospital.	Assigned to Penetang Hospital.	Assigned to Toronto Hospital.
Algoma District .....	7	2	9	.....	.....	3	.....	.....	5	.....	1
Brant .....	2	7	9	.....	.....	9	.....	.....	.....	.....	.....
Bruce .....	5	11	16	.....	.....	.....	15	.....	.....	.....	1
Carleton .....	9	27	36	35	.....	.....	1	.....	.....	.....	.....
Dufferin .....	3	1	4	.....	.....	4	.....	.....	.....	.....	.....
Dundas .....	1	9	10	9	.....	.....	1	.....	.....	.....	.....
Durham .....	2	7	9	.....	.....	1	6	.....	.....	1	.....
Elgin .....	6	15	21	.....	.....	.....	20	1	1	.....	.....
Essex .....	2	10	12	.....	.....	1	11	.....	.....	.....	.....
Frontenac .....	3	34	37	2	4	31	.....	.....	.....	.....	.....
Glengarry .....	.....	9	9	8	.....	1	.....	.....	.....	.....	.....
Grenville .....	2	7	9	8	.....	1	.....	.....	.....	.....	.....
Grey .....	7	14	21	.....	.....	12	4	1	1	3	.....
Haldimand .....	2	11	13	.....	.....	12	.....	.....	.....	.....	1
Halton .....	2	3	5	.....	.....	5	.....	.....	.....	.....	.....
Hastings .....	3	21	24	.....	2	22	.....	.....	.....	.....	.....
Huron .....	5	13	18	.....	.....	.....	16	.....	1	1	.....
Kent .....	2	11	13	.....	1	1	11	.....	.....	.....	.....
Lambton .....	5	17	22	.....	.....	.....	22	.....	.....	.....	.....
Lanark .....	7	14	21	19	.....	1	.....	.....	.....	.....	1
Leeds .....	.....	18	18	17	.....	.....	.....	.....	1	.....	.....
Lennox and Addington .....	1	9	10	.....	.....	9	.....	.....	.....	1	.....
Lincoln .....	3	9	12	.....	.....	10	.....	.....	.....	1	1
Middlesex .....	13	47	60	.....	.....	2	57	.....	.....	.....	1
Muskoka District .....	3	3	6	.....	.....	.....	6	.....	.....	.....	.....
Nipissing District .....	12	17	29	.....	.....	9	.....	17	2	1	.....
Norfolk .....	2	2	4	.....	.....	3	.....	.....	.....	1	.....
Northumberland .....	1	9	10	.....	3	6	.....	.....	.....	1	.....
Ontario .....	8	7	15	.....	1	.....	12	2	.....	.....	.....
Oxford .....	3	14	17	.....	.....	1	16	.....	.....	.....	.....
Parry Sound District .....	4	3	7	.....	.....	1	.....	6	.....	.....	.....
Peel .....	2	9	11	.....	.....	2	.....	8	.....	1	.....
Perth .....	4	16	20	.....	.....	.....	19	.....	.....	1	.....
Peterborough .....	2	15	17	.....	1	2	.....	14	.....	.....	.....
Prescott .....	1	5	6	5	.....	.....	.....	.....	1	.....	.....
Prince Edward .....	2	5	7	.....	.....	7	.....	.....	.....	.....	.....
Rainy River District .....	5	.....	5	.....	.....	3	.....	1	1	.....	.....
Renfrew .....	.....	22	22	2	1	19	.....	.....	.....	.....	.....
Russell .....	.....	7	7	7	.....	.....	.....	.....	.....	.....	.....
Simcoe .....	3	24	27	.....	.....	.....	.....	14	8	5	.....
Stormont .....	.....	13	13	12	.....	.....	.....	.....	.....	1	.....
Thunder Bay District .....	4	1	5	.....	.....	3	.....	1	.....	1	.....
Victoria .....	9	9	18	.....	2	.....	.....	16	.....	.....	.....
Waterloo .....	4	13	17	.....	.....	16	.....	.....	.....	1	.....
Welland .....	1	8	9	.....	.....	8	.....	.....	1	.....	.....
Wellington .....	3	14	17	.....	.....	12	2	1	.....	2	.....
Wentworth .....	38	53	91	.....	1	79	1	.....	.....	2	.....
York .....	114	224	338	.....	14	10	.....	2	27	8	285
Unascertained .....	.....	4	4	.....	.....	1	2	.....	.....	.....	1
<b>Totals .....</b>	<b>317</b>	<b>823</b>	<b>1,140</b>	<b>124</b>	<b>29</b>	<b>209</b>	<b>108</b>	<b>197</b>	<b>130</b>	<b>29</b>	<b>314</b>

TABLE No. 5a.

Showing the counties and districts from which the entire number of patients admitted to the Hospitals have been received, including the admissions of the present year; also the counties and districts from which the patients remaining in residence the 31st October, 1911, were originally admitted.

Counties and Districts.	Admissions of the year.	Total admissions.	Patients in residence 31st October, 1911.								Total.
			Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	
Algoma District .....	9	195	....	....	5	....	1	33	16	6	61
Brant .....	9	550	....	1	89	....	4	2	1	2	99
Bruce .....	16	553	2	1	3	....	10	....	5	5	117
Carleton .....	36	1,185	193	2	3	47	....	....	4	4	253
Dufferin .....	4	134	....	....	26	....	....	3	1	2	32
Dundas .....	10	232	29	2	1	8	....	....	....	....	40
Durham .....	9	509	3	7	2	7	....	7	2	12	40
Elgin .....	21	570	....	2	2	....	87	1	5	3	100
Essex .....	12	492	3	....	2	....	91	1	2	1	100
Frontenac .....	37	1,229	8	8	3	123	....	3	4	4	153
Glengarry .....	9	314	27	....	3	10	....	....	....	2	42
Grenville .....	9	375	41	....	2	4	....	....	....	3	50
Grey .....	21	678	....	6	115	1	8	10	13	4	157
Haldimand .....	13	359	1	....	46	....	....	2	....	....	49
Halton .....	5	391	1	2	44	....	1	3	1	5	57
Hastings .....	24	806	13	6	....	85	1	5	4	3	117
Huron .....	18	844	3	4	1	....	117	1	5	6	137
Kent .....	13	563	3	1	2	1	85	2	....	....	94
Lambton .....	22	768	4	3	3	....	95	2	2	3	112
Lanark .....	21	616	72	1	....	18	....	....	1	1	83
Leeds .....	18	520	88	....	2	14	....	....	2	2	108
Lennox and Addington ...	10	430	3	3	....	43	....	....	4	3	56
Lincoln .....	12	546	1	3	69	....	....	1	2	3	99
Middlesex .....	60	1,955	7	8	9	1	291	2	7	1	326
Muskoka District .....	6	160	....	....	4	....	....	15	14	2	25
Nipissing District .....	6	144	1	1	12	....	....	38	4	1	53
Norfolk .....	29	386	....	....	50	1	....	....	2	1	54
Northumberland .....	4	717	3	9	2	61	....	8	10	9	102
Ontario .....	15	776	2	7	7	....	1	42	23	16	98
Oxford .....	17	664	1	1	4	....	87	3	3	3	102
Parry Sound District ....	7	86	....	....	3	....	....	22	2	2	29
Peel .....	11	468	1	1	10	....	....	32	3	11	58
Perth .....	20	677	3	2	5	....	90	4	2	....	106
Peterborough .....	17	502	1	10	....	3	....	63	5	8	90
Prescott .....	6	281	47	....	2	3	....	....	3	....	55
Prince Edward .....	7	252	....	2	....	35	1	1	....	1	40
Quebec .....	....	....	....	....	1	....	....	....	....	....	1
Rainy River District ....	5	62	....	....	4	....	....	13	4	....	21
Renfrew .....	22	445	9	1	....	62	....	....	3	1	78
Russell .....	7	97	26	....	1	1	....	....	....	1	29
Simcoe .....	27	1,068	2	7	33	1	3	65	74	15	200
Stormont .....	13	391	56	1	5	8	....	....	1	2	73
Thunder Bay District ....	5	85	1	....	7	1	1	14	2	5	31
Victoria .....	18	650	1	6	3	1	....	62	10	6	89
Waterloo .....	17	504	1	....	124	1	4	1	1	8	140
Welland .....	9	480	2	....	66	1	....	1	1	4	75
Wellington .....	17	905	....	3	117	....	4	....	6	8	138
Wentworth .....	91	1,956	3	5	297	6	4	....	7	7	329
York .....	338	6,952	28	38	55	10	13	150	92	714	1,100
Unascertained .....	4	515	3	1	5	2	3	1	14	6	35
New Brunswick .....	1	....	....	....	1	....	....	....	....	....	1
United States .....	....	....	....	....	1	....	....	....	....	....	1
<b>Totals .....</b>	<b>1,140</b>	<b>34,028</b>	<b>693</b>	<b>155</b>	<b>1,251</b>	<b>359</b>	<b>1,094</b>	<b>615</b>	<b>367</b>	<b>906</b>	<b>5,640</b>



TABLE No. 6.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....	22	32	54	9	6	15	18
Mental Strain, Worry and Overwork (not included in above).....	62	76	138	35	33	68	40
Religious Excitement .....	5	8	13	1	6	7	2
Love Affairs, including seduction.....	1	7	8	1	3	4	2
Fright and Nervous Shock.....	1	5	6	.....	2	2	3
PHYSICAL.							
Alcoholism .....	53	11	64	22	3	25	19
Sexual Excess .....	2	.....	2	1	.....	1	1
Venereal Diseases .....	23	2	25	9	.....	9	1
Masturbation .....	7	1	8	3	.....	3	4
Insolation .....	7	.....	7	3	.....	3	1
Accident or Injury .....	10	5	15	1	2	3	9
Pregnancy .....	.....	9	9	.....	1	1	3
Parturition and Puerperium.....	.....	13	13	.....	1	1	7
Lactation .....	.....	4	4	.....	1	1	3
Climacteric Period .....	.....	12	12	.....	5	5	5
Fevers .....	4	9	13	1	1	2	5
Privation and Overwork.....	1	6	7	2	2	4	10
Epilepsy .....	23	14	37	12	4	16	5
Other Convulsive Diseases.....	7	6	13	1	.....	1	.....
Diseases of Brain and Skull.....	9	2	11	6	2	8	1
Senility .....	38	39	77	12	15	27	18
Exophthalmic Goitre .....	.....	1	1	.....	.....	.....	.....
Epidemic Influenza .....	1	.....	1	.....	.....	.....	.....
Abuse of Drugs.....	7	3	10	2	1	3	3
Loss of Special Sense.....	.....	.....	.....	.....	.....	.....	.....
Uræmia .....	2	.....	2	.....	.....	.....	.....
Other Auto-infection .....	3	.....	3	.....	.....	.....	.....
Other Bodily Diseases.....	4	18	22	3	7	10	8
HEREDITARY.							
Congenital Defect .....	32	25	57	27	40	67	15
Unascertained .....	232	271	503	189	210	399	267
Not Insane .....	4	1	5	.....	.....	.....	5
Totals .....	560	580	1,140	340	345	685	455

TABLE No. 7.

Showing hereditary tendency to insanity in patients admitted during the year.

	Admitted During Year.		
	Male.	Female.	Total.
Paternal Branch.....	49	35	84
Maternal Branch.....	45	55	100
Paternal and Maternal Branches.....	13	12	25
Collateral Branches.....	43	59	102
No hereditary tendency.....	143	163	306
Unascertained.....	267	256	523
Totals.....	560	580	1,140

TABLE No. 8.

Showing summary of probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge.....	260	324	584
Discharged, Recovered while on Probation.....	92	128	220
“ Improved “ “.....	67	94	161
“ Unimproved “ “.....	3	1	4
Died.....	1	2	3
Returned to Hospital.....	50	55	105
Absent on Probation on October 31st, 1911.....	47	44	91

TABLE No. 9.

Showing the causes of death of patients who died during the year ending October 31st, 1911.

Cause of Death.	Brookville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Total.
<b>Specific Infectious Diseases:—</b>									
Typhoid Fever .....			1			1			2
Influenza .....	1								1
Cerebro-spinal Meningitis .....									
Diphtheria .....									
Erysipelas .....					2				2
Septicæmia .....			1	1	1				3
Dysentery .....	2	1			1	5	2	1	12
Syphilis .....	1			1					2
Tuberculosis .....	6	2	5	14	16	5	2	8	58
<b>Constitutional Diseases:—</b>									
Rheumatism .....									
Arthritis Deformans .....									
Diabetes Mellitus .....			1				1	2	4
<b>Diseases of the Digestive System:—</b>									
Mouth, salivary glands.....	1								1
Pharynx .....									
Tonsils .....									
Œsophagus .....	1								1
Enteritis.....			2						2
<b>Diseases of the Intestines:—</b>									
Diseases of the Liver.....			1	1			1	2	5
Diseases of the Pancreas.....									
Diseases of the Peritoneum.....	1				3	1			5
Intestinal obstruction .....		1	1						2
<b>Diseases of the Respiratory System:—</b>									
Diseases of the Nose and Larynx.....			1						1
“ “ Bronchi .....			2		1		1	1	5
“ “ Lungs .....	3		7	9	6	1		9	35
“ “ Pleura .....						1			1
<b>Diseases of the Circulatory System:—</b>									
Diseases of the Pericardium .....									
“ “ Heart .....	7	1	16	7	7	4	3	8	53
Arterio-sclerosis .....	2		10		1			1	14
Aneurism .....				1					1
<b>Diseases of the Blood and Ductless Glands:—</b>									
Anæmia .....			1			1			2
Pernicious Anæmia .....			4				1	1	6
Leucæmia.....									
Exophthalmic Goitre .....									
<b>Diseases of the Genito-Urinary System</b>	2		4	1	2	1			10

TABLE No. 9—*Continued.*

Showing the causes of death of patients who died during the year ending October 31st, 1911.

Cause of Death.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Total.
Brought forward.....	27	5	57	35	40	20	11	33	238
Diseases of the Nervous System:—									238
Diseases of the Nerves.....									1
“       “       Spinal Cord .....					1				1
“       “       Meninges .....									
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions).....	2	.....	8	3	7	3	3	5	31
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria) .....						1			1
Epilepsy .....	6	.....		1	6	1	.....	2	16
Mental Diseases:—									
Exhaustion of Acute Mental Dis- ease .....	2	.....	2	3	1	.....	2	1	11
Exhaustion of Chronic Mental Dis- ease .....	4	.....	6	2	3	4	.....	.....	19
General Paresis .....	.....	.....	4	5	4	.....	1	14	28
Intoxications:—									
Alcoholism .....									
Morphinism .....									
Metallic Poisoning .....									
Heat Stroke .....		1	.....						1
Debility of Old Age.....	12	4	4	5	11	5	3	21	65
Accident .....			8	.....		1	1	.....	10
Suicide .....									
Surgical Diseases .....									
Gynæcological Diseases .....									
Malignant New Growths, or Cancer....	.....	1	.....	2	1	.....	.....	.....	4
Totals .....	53	11	89	56	74	35	21	76	415

TABLE No. 10.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses —									
(a) Fever Delirium.....	2	....	2	1	....	1	1	....	1
(b) Infection Delirium.....	1	3	4	1	1	2	1	3	4
(c) Post Infection Psychoses.....	1	6	7	1	3	4	....	2	2
Exhaustion Psychoses :—									
(a) Collapsed Delirium.....	2	1	3	....	1	1	....	1	1
(b) Acute Confusional Psychoses.....	3	9	12	2	4	6	1	2	3
(c) Neurasthenia.....	3	1	4	3	1	4	....	....	....
Intoxication Psychoses :—									
(a) Acute Intoxications.....	2	2	4	15	8	24	....	1	1
(b) Chronic ".....	....	1	1	....	....	....	1	....	1
(a) Alcoholism (acute and chronic).....	28	7	35	6	3	9	1	....	1
(b) Delirium Tremens.....	....	....	....	....	....	....	....	....	....
(c) Korsakow's Psychoses.....	1	1	2	1	....	1	....	....	....
(d) Acute Alcoholic Hallucinosiis.....	6	3	9	7	....	7	....	1	1
(e) Alcoholic Hallucinatory Dementia.....	3	....	3	1	....	1	1	....	1
(f) " Paranoia.....	4	....	4	1	....	1	....	....	....
(g) " Paresis.....	....	1	1	....	....	....	....	....	....
(h) Morphinism.....	5	4	9	6	3	9	....	....	....
(i) Cocainism.....	1	....	1	2	....	....	....	....	....
Thyroidogenous Psychoses :—									
(a) Mixœdematous Psychoses.....	....	1	1	....	....	....	....	....	....
(b) Cretinism.....	....	....	....	....	....	....	....	....	....
Dementia Præcox :—									
(a) Hebaphrenic.....	88	87	175	53	67	120	24	27	51
(b) Catatonic.....	66	103	169	30	51	81	25	25	50
(c) Paranoid.....	51	55	106	18	19	37	7	28	35
General Paresis.....	60	7	67	10	2	12	26	6	32
Organic Dementias :—									
(a) Cerebral Sclerosis.....	....	....	....	....	....	....	1	3	4
(b) Huntingdon's Chorea.....	1	2	3	....	....	....	1	2	3
(c) Multiple Sclerosis.....	1	....	1	2	....	2	....	....	....
(d) Cerebral Syphilis.....	....	1	1	1	....	1	1	....	1
(e) Tabetic Psychoses.....	....	....	....	....	....	....	....	....	....
(f) Arterio-sclerotic Psychoses.....	10	2	12	2	....	2	6	3	9
(g) Cerebral Tumor, Abscess, Hæmorrhage.....	3	2	5	....	....	....	4	1	5
(h) Tramutic Dementia.....	1	....	1	....	....	....	....	....	....
Involution Psychoses :—									
(a) Melancholia.....	17	34	51	12	27	39	4	15	19
(b) Pre-senile Delusional Psychoses.....	12	28	40	2	4	6	5	12	17
(c) Senile Dementia.....	40	62	102	9	7	16	48	56	104
Manic Depressive Psychoses ;—									
(a) Manic States.....	31	38	69	23	40	63	7	7	14
(b) Depressed States.....	37	41	78	21	41	62	7	4	11
(c) Mixed States.....	8	14	22	1	4	5	2	2	4



TABLE No. 10.—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Paranoia .....	3	10	13	1	1	2	....	1	1
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses .....	16	17	33	7	6	13	17	10	27
(b) Hysterical Psychoses .....	2	4	6	1	2	3	....	....	....
(c) Sexualis Psychopathia .....	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development:—									
(a) Imbecility .....	39	31	70	18	5	23	6	2	8
(b) Idiocy .....	2	....	2	....	....	....	....	....	....
Not Diagnosed .....	9	2	11	2	2	4	3	1	4
Not Insane .....	1	....	1	1	....	1	....	....	....
Totals .....	560	580	1,140	261	303	*564	200	215	415

\* Includes 22 deportis.



TABLE No. 11.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1911.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	152	95	12	10	9	36
From 1 to 2 months.....	95	85	22	12	1	13
“ 2 “ 3 “ .....	88	78	17	16	1	10
“ 3 “ 4 “ .....	62	77	28	11	1	7
“ 4 “ 5 “ .....	41	81	27	11	4	11
“ 5 “ 6 “ .....	25	101	25	16	.....	4
“ 6 “ 9 “ .....	72	149	67	37	1	16
“ 9 “ 12 “ .....	49	126	27	25	3	15
“ 12 “ 18 “ .....	92	286	34	29	2	27
“ 18 months to 2 years ..	43	224	5	15	.....	16
“ 2 to 3 years.....	78	367	14	9	1	33
“ 3 “ 4 “ .....	50	381	8	8	.....	22
“ 4 “ 5 “ .....	35	303	4	15	.....	19
“ 5 “ 10 “ .....	58	1,153	8	11	1	64
“ 10 “ 15 “ .....	30	858	4	4	1	33
“ 15 “ 20 “ .....	36	562	.....	1	.....	36
“ 20 years and upwards.	40	714	.....	7	.....	53
Unknown.....	94	.....	.....	.....	.....	.....
Totals.....	1,140	5,640	*302	†237	25	415

\* Includes 3 deports.

† Includes 19 deports.

TABLE

Showing the general movement and result of treatment of patients in the Hospitals  
1882, to the 31st

—	Average daily Population.			Number of patients admitted.			Number of patients recovered.			Patients discharged improved, unimproved and deported.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Average for 5 years 1882-1886.....	1,312	1,330	2,642	264	234	498	82	87	169	36	40	76
Average for 5 years 1887-1891.....	1,586	1,532	3,118	314	306	620	88	85	173	38	46	84
Average for 5 years 1892-1896.....	1,894	1,932	3,826	354	394	748	106	111	217	44	55	99
1897.....	2,097	2,157	4,254	507	398	905	107	116	223	42	52	94
1898.....	2,153	2,215	4,368	349	411	759	122	129	251	54	59	113
1899.....	2,183	2,258	4,441	368	343	711	116	145	261	48	47	95
1900.....	2,197	2,288	4,485	352	370	722	121	133	254	28	44	72
1901.....	2,236	2,368	4,604	372	370	740	145	130	275	26	31	57
Average for 5 years 1897-1901.....	2,173	2,257	4,430	389	379	767	122	131	253	40	46	86
1902.....	2,249	2,461	4,710	381	578	959	121	139	260	51	61	112
1903.....	2,283	2,490	4,773	404	416	820	146	176	322	41	60	101
1904.....	2,346	2,551	4,897	486	537	1,023	146	156	302	39	60	99
1905.....	2,396	2,616	5,012	511	538	1,049	149	166	315	64	57	121
1906.....	2,478	2,699	5,177	517	568	1,085	142	172	314	79	76	155
Average for 5 years 1902-1906.....	2,350	2,564	4,914	456	527	983	141	162	303	55	63	118
1907.....	2,511	2,747	5,258	568	528	1,096	146	166	312	118	97	215
1908.....	2,586	2,814	5,400	577	547	1,124	115	109	224	147	99	246
*1909.....	2,629	2,871	5,500	438	405	843	152	125	277	100	97	197
1910.....	2,662	2,879	5,541	567	573	1,140	146	169	315	126	138	264
1911.....	2,708	2,884	5,592	560	580	1,140	135	164	299	138	142	280
Average for 5 years 1907-1911.....	2,619	2,839	5,448	542	527	1,069	139	147	286	126	114	240

\* 10 months ending October 31st, 1909.

No. 12.

for the Insane of the Province during the thirty years from January 1st,  
October, 1911.

Number of patients who died.			Percentage of recoveries to average daily population.			Percentage of deaths to average daily population.			Number of patients remaining in Hospital at end of each year.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
91	63	154	6.25	6.54	6.39	6.94	4.74	5.83	1,329	1,446	2,775
88	83	171	5.56	5.88	5.55	5.56	5.42	5.48	1,600	1,601	3,201
124	93	217	5.59	5.75	5.67	6.55	4.82	5.69	1,910	1,955	3,865
145	117	262	5.10	5.38	5.24	6.91	5.42	6.17	2,116	2,163	4,279
130	108	238	5.67	5.88	5.77	6.04	4.88	5.46	2,152	2,236	4,388
160	132	292	5.31	6.42	5.87	7.28	5.85	6.57	2,176	2,251	4,427
136	133	269	5.51	5.82	5.67	6.19	5.81	6.00	2,198	2,300	4,498
150	107	257	6.48	5.47	5.97	6.70	4.52	5.61	2,236	2,368	4,604
144	120	264	5.61	5.79	5.70	6.22	5.29	5.96	2,175	2,264	4,439
158	129	287	5.38	5.65	5.52	7.02	5.24	6.09	2,248	2,464	4,712
150	139	289	6.39	7.07	6.75	6.57	5.58	6.05	2,287	2,492	4,779
172	163	335	6.22	6.12	6.18	7.35	6.39	6.84	2,328	2,543	4,871
141	147	288	6.22	6.34	6.28	5.88	5.62	5.75	2,435	2,657	5,092
173	184	357	5.73	6.37	6.06	5.73	6.37	6.06	2,491	2,720	5,211
159	152	311	5.99	6.31	6.15	6.51	5.84	6.18	2,358	2,575	4,933
197	176	373	5.82	6.04	6.01	7.84	6.41	7.09	2,549	2,765	5,314
193	158	351	4.45	3.87	4.15	7.46	5.61	6.50	2,614	2,877	5,491
132	127	259	5.89	4.38	5.11	5.02	4.42	4.71	2,634	2,897	5,531
174	164	338	5.48	5.87	5.69	6.54	5.69	6.10	2,688	2,921	5,609
200	215	415	4.99	5.68	5.33	7.38	7.45	7.42	2,715	2,925	5,640
179	168	347	5.17	5.83	5.50	6.85	5.92	6.38	2,640	2,877	5,517

TABLE No. 13.

Showing the percentage of recoveries on the average population and admissions for the year ending October 31st, 1911.

Hospitals.	On average population.			On admission.		
	Average population.	Recovered.	Percentage.	Admissions.	Recovered.	Percentage.
Brockville.....	691	26	3.76	124	26	20.97
Cobourg .....	151	.....	.....	29	.....	.....
Hamilton .....	1,240	27	2.18	209	27	12.92
Kingston .....	565	58	10.27	108	58	53.70
London .....	1,102	85	7.71	197	85	43.15
Mimico.....	615	46	7.48	130	46	35.39
Penetang .....	361	1	.03	29	1	10.34
Toronto .....	867	56	6.46	314	56	17.83
Totals.....	5,592	299	5.33	1,140	299	26.23

TABLE No. 14.

Showing summary of discharges during the year.

—	Male.	Female.	Total.
Discharged, Recovered.....	135	164	299
“ Improved .....	95	123	218
“ Unimproved.....	17	8	25
“ Deported) .....	26	11	37
“ Eloped) .....	19	1	20
“ Not Insane.....	.....	.....	.....
Total Number of Discharges.....	292	307	599

TABLE No. 15.

DEATHS IN HOSPITALS.

Hospitals.	No. of Deaths.	Daily average population.	Percentage of deaths on daily average population.
Brockville.....	53	691	7.67
Cobourg.....	11	151	7.28
Hamilton.....	89	1,240	7.18
Kingston.....	56	565	9.98
London.....	74	1,102	6.71
Mimico.....	35	615	5.69
Penetang.....	21	361	5.82
Toronto.....	76	867	8.77
Totals .....	415	5,592	7.42



TABLE No. 16.

The following table shows the number of beds in each of the Hospitals, number in residence, number of vacancies, over population and applications on fyle at close of official year.

Asylums.	Number of beds.			Number in residence on 31st October, 1911.			Number of vacancies.			Over population.			Applications on fyle.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Brockville .....	330	330	660	350	343	693	.....	.....	.....	20	13	33	7	5	12
Cobourg .....	.....	155	155	.....	155	155	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton .....	635	624	1,259	612	639	1,251	23	.....	23	.....	15	15	11	11	22
Kingston .....	311	282	593	297	262	559	14	20	34	.....	.....	.....	24	24	48
London .....	511	555	1,066	533	561	1,094	.....	.....	.....	22	6	8	.....	.....	.....
Mimico .....	310	310	620	320	295	615	.....	15	15	10	.....	10	76	23	99
Penetang .....	165	204	369	163	204	367	2	.....	2	.....	.....	.....	.....	.....	.....
Toronto .....	426	426	852	440	466	906	.....	.....	.....	14	40	54	20	22	42
Totals .....	2,688	2,586	5,274	2,715	2,925	5,640	39	35	74	66	74	140	138	85	223



TABLE No. 17.

Showing the number of officers and employees in each and all of the Hospitals classified according to the duties performed.

Occupation.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Total.
Medical Superintendents.....	1	1	1	1	1	1	1	1	8
Assistant Superintendents ....	1	.....	1	1	1	1	1	1	7
Assistant Physicians.....	1	1	4	3	2	1	.....	3	15
Trained Nurses.....	1	1	1	.....	1	1	.....	1	6
Dentists.....	.....	.....	.....	.....	.....	1	.....	1	2
Bursars.....	1	1	1	1	1	1	1	1	8
Bursars' Clerks.....	.....	.....	1	.....	1	.....	.....	1	3
Stenographers and Portresses.	2	1	3	1	3	1	1	3	15
Stewards.....	.....	.....	.....	.....	.....	.....	.....	1	1
Storekeepers.....	1	.....	1	1	1	1	1	1	7
Matrons.....	1	1	1	1	1	1	1	1	8
Assistant Matrons.....	.....	.....	2	.....	1	.....	.....	1	4
Housekeepers.....	.....	.....	.....	1	.....	.....	.....	.....	1
Cooks.....	6	3	10	4	9	5	4	8	49
Laundresses.....	3	2	6	3	4	3	3	8	32
Housemaids.....	6	2	6	3	6	1	1	7	32
Seamstresses.....	1	1	2	1	2	1	1	1	10
Tailoresses.....	.....	.....	.....	1	1	1	1	.....	4
Bakers.....	1	1	1	1	1	1	1	1	8
Assistant Bakers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butchers.....	1	.....	1	1	1	1	.....	1	6
Tailors.....	1	.....	1	1	1	.....	.....	.....	4
Shoemakers.....	1	.....	1	.....	1	.....	.....	.....	3
Laundrymen.....	1	.....	1	1	1	1	1	.....	6
Engineers and Assistants.....	2	1	3	3	2	4	3	2	20
Stokers.....	5	3	9	4	14	5	3	5	48
Bricklayers and Masons.....	1	.....	1	2	2	1	.....	1	8
Carpenters.....	2	.....	2	2	2	2	2	2	14
Painters.....	1	.....	1	1	1	1	1	1	7
Farmers.....	1	.....	1	1	1	1	1	1	7
Farmers' Assistants.....	2	.....	7	3	7	4	4	2	29
Gardeners.....	1	1	1	1	1	1	1	1	8
Assistant Gardeners.....	1	.....	1	1	3	3	.....	.....	9
Porters.....	.....	.....	1	.....	.....	.....	.....	1	2
Chief Attendants, Male.....	1	.....	2	1	3	1	.....	1	9
Supervisors, Male.....	8	.....	10	8	7	8	1	11	53
Attendants, Male.....	29	.....	48	24	39	29	11	35	215
Chief Attendants, Female....	1	1	1	.....	1	.....	.....	2	6
Supervisors, Female.....	5	3	14	11	7	6	4	10	60
Attendants, Female.....	30	8	38	29	50	25	12	38	230
Musical Instructresses.....	.....	.....	.....	1	.....	.....	.....	1	2
Totals.....	120	32	185	118	180	111	61	156	966

TABLE No. 18.

Statement of Revenue from Paying Patients and Farm and Miscellaneous Revenue.

Hospital.	No. of Paying Patients.	From Paying Patients.	From Farm and Miscel- laneous.	Total.
		\$ c.	\$ c.	\$ c.
Brockville .....	202	15,633 63	1,293 12	16,926 75
Cobourg.....	9	526 89	288 87	815 76
Hamilton .....	393	41,978 47	546 25	42,524 72
Kingston .....	169	14,839 55	300 87	15,140 42
London .....	417	37,942 05	543 20	38,485 25
Mimico .....	195	17,169 80	1,503 65	18,673 45
Penetanguishene .....	32	2,420 13	1,041 40	3,461 53
Toronto.....	482	52,566 66	1,490 63	54,057 29
Totals .....	1,899	183,077 18	7,007 99	190,085 17
Revenue from Railway Taxation, under 6 Edward VII., Cap. 9, Sec. 4, Sub- sec. 2 .....	.....	.....	.....	.....
	.....	.....	.....	.....

TABLE No. 19.

## COMPARATIVE STATEMENT OF REVENUE.

The following statement shows the revenue received from the Hospitals for each year since 1871, together with the number of paying patients in the Hospitals from year to year:

	No. of Paying Patients.	Revenue.	Increase.	Decrease.
		\$ c.	\$ c.	\$ c.
For the year ending September 30, 1871..	118	14,045 30	.....	.....
“ “ 1872..	139	19,255 80	5,219 50	.....
“ “ 1873..	171	16,660 61	.....	2,595 19
“ “ 1874..	182	20,035 77	3,373 15	.....
“ “ 1875..	231	21,875 92	1,840 15	.....
“ “ 1876..	256	21,175 93	.....	699 99
“ “ 1877..	323	28,093 58	6,917 65	.....
“ “ 1878..	334	30,103 75	2,010 17	.....
“ “ 1879..	343	32,398 26	2,794 51	.....
“ “ 1880..	387	37,653 81	4,755 55	.....
“ “ 1881..	414	41,066 54	3,412 73	.....
“ “ 1882..	475	43,937 64	2,871 10	.....
“ “ 1883..	538	59,922 59	15,984 95	.....
“ “ 1884..	496	48,135 18	.....	11,787 41
“ “ 1885..	509	49,620 93	1,485 73	.....
“ “ 1886..	516	53,030 05	4,309 12	.....
“ “ 1887..	514	48,742 53	.....	4,287 52
“ “ 1888..	538	59,638 16	10,895 03	.....
“ “ 1889..	708	66,670 64	7,032 48	.....
“ “ 1890..	562	62,754 16	.....	3,916 48
“ “ 1891..	577	48,507 52	.....	14,246 14
“ “ 1892..	632	73,240 61	14,733 19	.....
“ “ 1893..	661	73,415 54	174 93	.....
“ “ 1894..	697	72,722 04	.....	693 50
“ “ 1895..	743	68,290 31	.....	4,431 73
“ “ 1896..	904	97,898 19	29,607 88	.....
“ “ 1897..	844	100,581 25	2,683 06	.....
“ “ 1898..	770	72,042 44	.....	28,538 81
“ “ 1899..	778	74,364 54	2,322 10	.....
“ “ 1900..	846	81,650 87	7,286 33	.....
“ “ 1901..	902	90,677 46	9,026 59	.....
“ “ 1902..	959	101,076 20	10,398 74	.....
“ “ 1903..	1,029	97,416 03	.....	3,660 17
“ “ 1904..	1,111	106,167 49	8,751 46	.....
“ “ 1905..	1,211	114,915 59	8,748 10	.....
For the 3 mos. ending December 31, 1905..	.....	54,897 06	27,403 60	.....
For the year ending December 31, 1906..	1,732	165,404 08	50,488 49	.....
“ “ 1907..	1,797	166,419 63	1,015 55	.....
“ “ 1908..	1,878	146,148 77	.....	3,739 24
For the 10 mos. ending October 31, 1909..	1,613	140,048 18	.....	.....
“ “ “ “ 1910..	1,891	168,914 54	.....	.....
“ “ “ “ 1911..	.....	163,077 18	14,162 64	.....

In addition \$113,613.80 revenue for the year ending Oct. 31, 1911, was derived from Railway Taxation under 6 Edward VII. c. 9.

Revenue from Woodstock and Orillia not included in 1908, 1909, 1910 and 1911.

TABLE No. 20.  
STATEMENT.

Showing the Expenditure on Maintenance under the different headings of the estimates for the year ending October 31st, 1911.

Headings of Estimates.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang. Hospital.	Toronto Hospital.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Medicines .....	1,073 11	149 50	1,166 57	1,061 44	938 94	985 03	218 01	1,088 09
Provisions.....	36,995 94	6,418 07	64,509 91	33,664 02	48,331 72	33,931 83	16,581 63	60,380 10
Heat and Light.....	16,932 21	2,689 88	24,991 86	13,339 78	19,622 20	11,958 09	8,008 28	16,020 08
Clothing.....	5,694 81	659 76	8,016 98	5,566 97	8,516 78	5,396 60	3,649 81	4,610 26
Laundry.....	1,790 25	483 52	2,591 66	2,101 56	3,581 46	1,795 02	733 09	2,992 88
Repairs .....	5,334 23	465 26	7,880 10	6,730 63	9,784 70	4,766 62	1,776 90	6,233 25
Office expense .....	984 51	208 14	1,041 83	1,376 57	1,092 40	831 81	220 70	986 26
Farm expense .....	5,981 59	115 75	6,982 21	4,191 73	4,793 20	2,994 93	3,469 51	6,421 85
Miscellaneous expense.....	4,487 95	1,031 22	5,907 08	1,607 92	1,795 07	1,498 14	2,112 55	3,878 53
Total expense.....	79,274 60	12,221 10	123,088 20	69,640 62	98,456 47	64,158 07	36,770 48	102,611 30
Salaries .....	36,248 97	12,514 02	58,232 15	42,222 68	57,338 55	39,429 30	23,251 45	51,161 44
Grand Totals .....	115,523 57	24,735 12	181,320 35	111,863 30	155,795 02	103,587 37	60,021 93	153,772 74



TABLE

Comparative Statement of Average Maintenance Cost per Capita

	Brockville.		Cobourg.		Hamilton.	
	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.
Average number of patients .....	676.01	672.42	151. 9	145.64	124.11	1165.39
MEDICINES.....	.44	.44	.27	.24	.27	.22
Medicines and Medical comforts.....	.44	.44	.27	.24	.27	.22
PROVISIONS.....	13.39	12.72	9.22	9.49	13.44	12.91
Breakfast Foods and Cereals.....	.35	.37	.27	.34	.25	.30
Butter .....	1.84	1.79	1.12	1.16	2.15	2.03
Coffee.....	.06	.06	.05	.05	.13	.13
Eggs .....	.45	.36	.27	.03	.30	.21
Flour, Bread, etc.....	1.71	1.64	1.59	1.46	1.64	1.65
Fruit and Vegetables—Fresh .....	.40	.52	.38	.43	.63	.66
“ “ Canned and Dried .....	.48	.37	.26	.32	.44	.38
Milk .....	1.43	1.28	1.32	1.39	1.29	1.27
Potatoes.....	.69	.57	.30	.35	.69	.45
Salt, etc.....	.08	.05	.02	.01	.09	.06
Sugar and Syrup.....	.99	.89	.44	.41	.77	.76
Tea .....	.37	.53	.44	.33	.28	.25
Unenumerated Groceries .....	.55	.61	.57	.48	.70	.64
Butchers' Meat .....	3.65	3.51	2.13	2.68	3.43	3.45
Fish and Fowl .....	.34	.37	.06	.05	.65	.67
HEATING AND LIGHTING .....	7.15	5.89	4.74	5.47	6.53	5.47
Coal and Wood.....	5.77	4.74	3.83	4.52	5.51	4.39
Electricity .....	.03	.01	.90	.94	.71	.75
Gas .....	1.30	1.11	.....	.....	.29	.31
Oil, etc.....	.05	.03	.01	.01	.02	.02
CLOTHING .....	2.21	1.86	.90	1.22	1.50	1.19
Clothing—Dry Goods .....	1.74	1.42	.68	1.04	1.27	.90
Boots and Shoes .....	.47	.44	.22	.18	.23	.29
LAUNDRY AND CLEANING .....	.71	.73	.82	.81	.63	.61
Brushes, Brooms and Mops .....	.17	.16	.05	.05	.09	.11
Miscellaneous Expenses .....	.16	.20	.13	.17	.14	.17
Soap .....	.38	.37	.64	.59	.40	.33
REPAIRS AND REPLACEMENTS .....	1.85	1.74	1.14	.96	1.77	1.82
Furn. and Furn.....	1.65	1.50	.83	.60	1.29	1.42
Miscellaneous Items .....	.....	.....	.01	.01	.01	.....
Plant .....	.20	.24	.30	.35	.47	.40
OFFICE EXPENSES .....	.38	.44	.37	.45	.22	.30
Miscellaneous Office Expenses .....	.16	.26	.12	.21	.10	.20
Postage .....	.12	.10	.06	.06	.05	.05
Telephoning and Tel.....	.10	.08	.19	.18	.07	.05
SALARIES.....	18.78	17.00	26.38	24.55	17.35	16.40
Supt. and Physicians .....	2.20	2.03	6.02	4.74	1.78	1.72
Bursar and Assistants.....	1.55	1.37	2.67	2.86	1.04	1.06
Matron and Assistants.....	1.98	1.98	4.86	5.04	1.99	1.89
Engineer and Assistants .....	1.28	1.10	3.17	3.00	1.02	.96
Artisans, not Domestic .....	.77	.68	.54	.34	.53	.54
Farm and Garden.....	1.02	.86	1.09	1.13	1.02	.99
Teachers.....	.....	.....	.....	.....	.....	.....
Attendants.....	3.35	3.00	.....	.....	3.67	3.32
Nurses.....	2.54	2.36	4.29	3.94	1.98	1.94
Employees' Meals and Uniforms.....	3.94	3.54	3.52	3.18	4.24	3.95
Employees' Other Allowances.....	.15	.08	.22	.32	.08	.03



No. 21.

per Day for the Twelve Months ending October 31st, 1911.

Kingston.		London.		Mimico.		Orillia.		Penetang.		Toronto.		Woodstock.	
This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.
565.91	581.16	1079.30	1079.09	595.09	592.29	801.79	786.26	364.63	360.43	873.25	866.68	183.88	153.82
.52	.56	.24	.26	.45	.42	.27	.15	.16	.30	.34	.34	.68	.80
.52	.56	.24	.26	.45	.42	.27	.15	.16	.30	.34	.34	.68	.80
13.36	12.24	12.17	11.89	12.23	12.08	10.29	9.66	11.82	11.29	17.36	16.82	15.18	14.61
.29	.35	.35	.38	.29	.38	.17	.16	.20	.25	.32	.45	.41	.51
1.93	1.84	1.94	1.99	2.75	2.78	2.43	2.35	2.27	1.85	2.62	2.65	3.84	3.47
.05	.04	.14	.13	.02	.03	.09	.08	.21	.21	.04	.04	.08	.14
.41	.66	.23	.22	.60	.46	.04	.04	.02	.04	.52	.50	.21	.19
1.56	1.65	1.74	1.80	1.79	1.62	1.88	2.03	1.79	1.87	1.67	1.59	1.50	1.60
.51	.61	.62	.59	.54	.71	.37	.31	.28	.33	.58	.46	.94	.87
.52	.36	.30	.24	.40	.22	.33	.13	.37	.32	.62	.67	.99	.78
1.21	1.20	1.60	1.33	.99	.98	.88	.98	1.50	1.23	1.67	1.59	3.12	2.83
.69	.37	.41	.60	.27	.43	.35	.41	.39	.27	.68	.56	.52	.62
.08	.06	.10	.06	.11	.08	.04	.04	.03	.03	.16	.08	.05	.04
.72	.64	.82	.82	.79	.72	.53	.47	.37	.45	.91	.87	.93	1.02
.38	.30	.34	.32	.31	.30	.18	.19	.22	.26	.42	.41	.30	.22
.74	.58	.62	.56	.52	.65	.27	.18	.50	.33	.82	.71	.66	.74
3.72	3.01	2.70	2.60	2.31	2.15	2.35	2.25	3.25	3.33	5.33	5.26	1.05	.86
.55	.57	.26	.25	.54	.57	.38	.04	.42	.52	1.00	.98	.58	.72
7.25	4.58	5.15	5.01	5.80	5.02	3.42	2.91	5.00	4.22	5.38	5.64	5.86	7.37
7.21	3.59	3.96	3.78	5.65	4.87	3.16	2.65	4.94	3.74	4.05	4.32	4.42	6.05
.....	.94	.....	.....	.....	.....	.25	.25	.....	.43	.54	.53	1.40	1.28
.....	.....	1.16	1.18	.....	.....	.....	.....	.....	.....	.76	.76	.....	.....
.04	.05	.03	.05	.15	.15	.01	.01	.06	.05	.03	.03	.04	.04
1.67	2.36	1.78	1.92	2.11	1.62	2.15	2.11	1.96	1.62	1.04	.37	.55	.54
1.26	1.97	1.34	1.54	1.77	1.28	1.59	1.58	1.55	1.27	.80	.22	.37	.30
.41	.39	.44	.38	.34	.34	.56	.53	.41	.35	.24	.15	.18	.24
1.11	1.00	.86	.81	.85	.75	.79	.77	.52	.41	.93	1.05	1.29	1.22
.28	.25	.16	.17	.18	.15	.15	.19	.10	.12	.13	.16	.13	.15
.21	.28	.19	.22	.20	.18	.06	.08	.09	.13	.12	.21	.27	.28
.62	.47	.51	.42	.47	.42	.58	.50	.33	.16	.68	.68	.89	.79
3.14	2.73	2.34	2.24	2.46	1.67	1.58	1.27	1.48	1.68	2.50	1.93	1.02	1.19
1.94	2.03	1.91	1.75	2.05	1.23	1.12	.87	.97	.80	1.91	1.53	.67	.72
.01	.01	.....	.03	.....	.02	.....	.01	.01	.04	.....	.04	.....	.01
1.19	.69	.43	.46	.41	.42	.46	.39	.50	.84	.59	.36	.35	.46
.65	.71	.28	.36	.38	.44	.21	.18	.16	.34	.30	.42	.28	.63
.42	.49	.14	.22	.18	.26	.12	.11	.04	.18	.15	.25	.09	.43
.14	.13	.06	.06	.10	.07	.05	.04	.04	.05	.05	.07	.10	.10
.09	.09	.08	.08	.10	.11	.04	.03	.08	.11	.10	.10	.09	.10
25.36	23.35	18.87	18.16	23.94	23.36	12.66	11.79	21.60	21.47	19.87	19.53	26.82	29.17
3.36	2.94	1.70	1.68	2.76	2.73	1.66	1.32	2.78	2.81	2.06	2.02	4.21	4.37
1.53	1.47	1.12	1.11	1.27	1.27	.96	.99	1.69	1.71	1.56	1.62	2.69	3.10
2.85	2.53	2.25	2.04	2.40	2.33	2.01	1.86	2.65	2.67	2.67	2.60	3.02	3.41
1.50	1.30	1.20	1.12	2.11	1.95	.83	.75	1.98	1.72	1.02	.99	1.21	1.60
1.27	1.21	.97	.75	.74	.48	.63	.51	1.27	1.28	1.03	.96	.96	1.07
1.11	.88	1.14	1.13	1.73	1.17	.54	.62	2.10	1.82	.68	.67	3.28	3.54
.....	.....	.....	.....	.....	.....	.21	.40	.....	.....	.....	.....	.....	.....
5.19	5.46	3.85	3.78	4.73	5.03	2.16	2.02	2.86	3.06	4.22	4.09	3.65	4.13
3.64	3.00	2.32	2.46	2.42	2.45	.89	.96	2.14	2.02	2.81	2.79	2.51	2.93
4.74	4.35	4.25	3.96	5.58	5.63	2.66	2.23	3.67	4.01	3.67	3.61	5.21	5.00
.17	.21	.07	.13	.20	.32	.11	.13	.46	.37	.15	.18	.08	.02

TABLE

Comparative Statement of Average Maintenance Cost per Capita

	Brockville.		Cobourg.		Hamilton.	
	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.
Average number of patients .....	676.01	672.42	151.39	145.64	1234.11	1165.39
FARM AND GARDEN .....	3.02	2.91	.21	.22	2.91	2.39
Feed and Fodder.....	2.29	2.32	.....	.....	2.19	1.83
Miscellaneous Farm Expenses .....	.67	.52	.17	.13	.57	.39
Seeds, etc.....	.06	.07	.04	.09	.15	.17
MISCELLANEOUS .....	1.84	1.43	1.85	2.07	1.38	1.50
Amusements, Religion, Education .....	.18	.15	.03	.04	.07	.06
Elopers, Cost of Recovery.....	.01	.02	.....	.....	.....	.02
Freight, Duties, etc.....	.07	.05	.09	.16	.07	.03
Ice .....	.13	.11	.23	.20	.23	.28
Incidental Expenses.....	.35	.21	.38	.40	.33	.23
Officers' Travelling Expenses.....	.09	.07	.01	.03	.06	.05
Power.....	.....	.....	.....	.....	.....	.....
Water.....	1.01	.82	1.11	1.24	.62	.83
Brush Industry .....	.....	.....	.....	.....	.....	.....
Per Capita cost per day, less Salaries.....	30.99	28.16	19.52	20.93	28.65	26.41
“ “ “ “ “ of Salaries .....	18.78	17.00	26.38	24.53	17.35	16.40
Total gross per Capita cost per day.....	49.77	45.16	45.90	45.48	46.00	42.81
Less Farm Recoveries.....	4.10	2.96	.36	.37	4.14	4.42
Total Net per Capita cost per day.....	45.67	42.20	45.54	45.11	41.86	38.39

No. 21.—*Concluded.*

per Day for the Twelve Months ending October 31st, 1911.—*Concluded.*

Kingston.		London.		Mimico.		Orillia.		Penetang.		Toronto.		Woodstock..	
This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.
555.91	581.16	1079.30	1079.09	595.09	592.29	801.79	786.26	364.63	360.43	873.25	866.68	183.88	153.82
3.08	3.43	2.83	2.54	2.46	2.27	1.44	1.15	3.35	3.66	1.78	1.91	5.34	4.75
2.14	2.62	2.17	1.98	1.46	1.26	.85	.81	2.45	2.78	1.50	1.57	4.02	3.01
.74	.64	.44	.39	.67	.71	.49	.32	.73	.63	.25	.30	.94	1.29
.20	.17	.22	.17	.33	.30	.10	.02	.17	.25	.03	.04	.38	.45
.87	1.55	.45	.44	.75	.55	.61	.49	1.65	1.67	1.18	1.07	2.97	3.50
.19	.23	.12	.13	.22	.07	.10	.09	.05	.02	.16	.16	.04	.05
.03	.02	.02	.03	.....	.....	.....	.....	.....	.01	.01	.01	.01	.04
.10	.09	.05	.05	.13	.08	.09	.06	.20	.26	.06	.03	.06	.06
.11	.02	.02	.01	.16	.14	.02	.03	.....	.....	.27	.22	.09	.01
.33	.26	.23	.20	.22	.19	.14	.05	.22	.23	.28	.11	.12	.15
.08	.05	.01	.02	.02	.07	.08	.....	.05	.01	.01	.01	.04	.07
.....	.....	.....	.....	.....	.....	.09	.13	.....	.....	.....	.....	.....	.....
.....	.88	.....	.....	.....	.....	.09	.13	1.13	1.14	.39	.53	2.61	3.12
.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31.65	29.16	26.10	25.47	27.49	24.82	20.76	18.69	26.10	25.19	30.81	29.55	33.17	34.61
25.36	23.35	18.87	18.16	23.94	23.36	12.66	11.79	21.60	21.47	19.87	19.53	26.82	29.17
57.01	52.51	44.97	43.63	51.43	48.18	33.42	30.48	47.70	46.66	50.68	49.08	59.99	63.78
3.85	4.26	5.14	5.14	4.17	4.17	2.24	2.02	4.11	4.76	2.11	2.29	9.09	10.46
53.16	48.25	39.83	38.49	47.26	44.01	31.18	28.46	43.59	41.90	48.57	46.79	50.90	53.32

## NOTES ON PER CAPITA STATEMENT.

Attached hereto is a statement of the cost of maintenance per patient per day for the year ending October 31st, 1911, in the ten hospitals mentioned, as compared with the year 1910, being based on actual consumption.

It follows out the order of the sub-divisions of appropriations voted by the Legislature, and is calculated to two places of decimals of a cent. The figures in black-faced type represent totals.

Invoices for all purchases, properly certified by the Bursar and the Store-keeper, as to accuracy and receipt of goods, are checked in the Department before being submitted to the Treasury for payment.

A system of Daily Requisitions for all supplies, such as provisions, is carried out and these requisitions are forwarded to the Department semi-weekly. In case of coal, the amount consumed on each shift is weighed and weekly report of consumption made by the engineer.

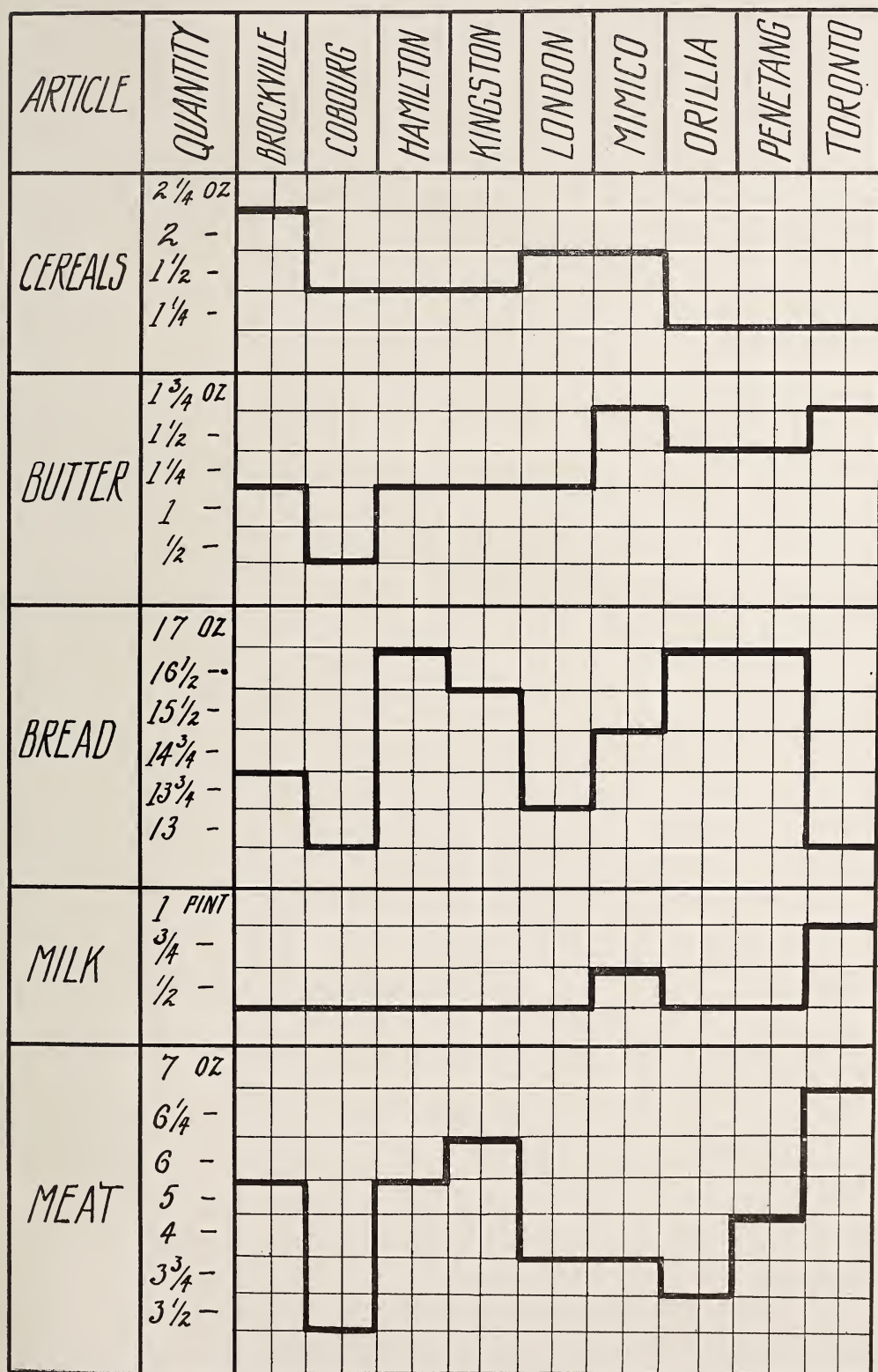
Under headings "Provisions" and "Clothing" is shown only consumption by patients—the value of such supplies to officers, attendants, nurses and employees being included in the account "Employees' Meals and Uniforms" under the heading "Salaries."

Quarterly inventories of stock are taken at each institution, and are checked with the ledger accounts of the Department.

Returns are made of all products of the Farm and Garden, as received, charges being made against the cost of maintenance, and the Farm and Garden given credit for the same; for this purpose a uniform price list is in use for all institutions, regardless of soil or fertility of farm. At the end of the year the value per patient per day of such products—fruits, vegetables, feed and fodder, meat and eggs—is deducted from the gross per capita cost and appears in the statement as "Farm Recoveries."



Chart showing average daily per capita food consumption by patients for the year ending 31st October, 1911.







## APPENDIX

TO FORTY-FOURTH ANNUAL REPORT UPON THE HOSPITALS FOR  
THE INSANE AND CONTAINING THE ANNUAL REPORTS OF  
THE MEDICAL SUPERINTENDENTS OF THE HOSPITALS IN  
BROCKVILLE, COBOURG, HAMILTON, KINGSTON, LONDON,  
MIMICO, PENETANGUISHENE, TORONTO, AND HOMEWOOD  
SANITARIUM, GUELPH.



Main Building, Brockville.

## HOSPITAL FOR THE INSANE, BROCKVILLE.

ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT FOR THE YEAR ENDING  
OCTOBER 31st, 1911.

BROCKVILLE, NOVEMBER 1st, 1911.

TO C. R. W. POSTLETHWAITE, ESQ., AND E. R. ROGERS, ESQ.,  
*Inspectors of Public Charities.*

GENTLEMEN,—I have the honour to submit the report of this Hospital for the year ending October 31st, 1911.

At the close of the last official year Dr. T. J. Moher, who had been Superintendent of this Hospital since 1904, was transferred to the Superintendency of the Hospital for Insane at Cobourg, and Dr. J. M. Forster was promoted from London, to take charge here.

Dr. Moher had been energetic and conscientious in the discharge of his duties, and left behind him a record of which he has every reason to be proud. Dr. Forster, in taking charge, paid a great tribute to what had been accomplished under Dr. Moher's regime, particularly to the excellent condition in which he found every department. Dr. Moher had the satisfaction of seeing many of the various improvements, planned when he was in office, carried to completion.

During the six months Dr. Forster was in charge every department was kept up to the same high standard. On assuming office, he immediately began to plan for further improvements. The outline of a plan was drawn for a new hospital building, to be used for the admission and treatment of acute cases. He submitted it for approval to the Department at Toronto, and it was so favorably regarded that last Session a vote was carried through the House for this purpose, and the Provincial Architect instructed to prepare the plans. Dr. Forster took such an active interest in all branches of the work that all associated with the institution were very sorry to have the connection between them severed.

—	Male.	Female.	Total.	Male.	Female.	Total.
There were in residence on October 31st 1910....	.....	.....	.....	339	340	679
Admitted during the year by Warrant.....	10	7	17			
Admitted during the year by Certificate.....	54	53	107			
Total admitted during the year.....	.....	.....	.....	64	60	124
Total number under treatment during year.....	.....	.....	.....	403	400	803
Discharged during the year recovered .....	15	11	26			
Discharged during the year improved .....	8	13	21			
Total discharged during the year.....	25	25	50			
Number died during the year.....	21	32	53			
Number eloped during the year.....	3	.....	3			
Number transferred during the year.....	4	.....	4			
Total number leaving the institution during the year.....	.....	.....	.....	53	57	110
Total number remaining in Hospital on October 31st, 1911.....	.....	.....	.....	350	343	693



## ADMISSIONS.

During the past year there were admitted to this Hospital one hundred and twenty-four patients—sixty-four being men and sixty women. Of this number seventy-four were single—thirty-eight married and twelve widowed—of the seventy-four single persons admitted, forty were males and thirty-four females—while of the widowed—there were six of each sex. Among the men heredity could be traced in thirty-one cases, and among the women in twenty-six cases, or about forty-six per cent. of all. In forty-three cases no heredity could be traced—in twenty-four, complete histories could not be ascertained. No doubt among that number several of them had an hereditary tendency. This would make from fifty per cent. to sixty per cent. of the total admissions hereditary.

Twenty-nine of those admitted were reported to be ill for a period less than two months—thirteen for less than three months—eighteen for less than six months. The remaining forty were in the chronic list before being brought in for treatment.

This year the youngest patient sent in was only fourteen years of age, and the eldest was seventy-six. Six were not over seventeen years of age—nine being between seventeen and twenty-one—twenty-eight between twenty-one and thirty years of age—twenty-eight between thirty and forty years of age—twenty-one between forty and fifty years of age—fifteen between fifty and sixty years of age—eight between sixty and seventy years of age and six between seventy and eighty years of age.

Forty-six of all cases admitted were diagnosed as Dementia Præcox, twenty-four as Manic Depressive, twenty-one Senility or Allied Psychosis, nine of Infection or Exhaustion Psychosis—seven Epileptics—two Alcoholics—two Paretics—five Imbeciles and five other forms.

## DISCHARGES.

Only fifty patients were discharged during the year and of this number only twenty-six were considered perfect recoveries, twenty-one of the others were greatly improved, and three unimproved. The number of recoveries was not as great as usual, but this depends entirely on the class of patients admitted.

One remarkable recovery has been in different hospitals for about five years. He has been here on two different occasions and in the interval was in the Hospital for the Insane, Toronto. He has been for a long time considered incurable. He made a splendid recovery and is back at his former employment earning a good salary. Another, an Alcoholic, was an inmate of this institution for about four and a half years. From the reports we have had, he is doing well and had not returned to his former habits. Another patient had been here for nine years, and for six years previous to this he was an inmate of other hospitals. He was also considered incurable. He has made an excellent recovery and has been earning a good salary all summer.

## DEATHS.

The death rate was rather higher this year than usual. Twenty-one men and thirty-two women died. The former being about the average number, but the latter greatly in excess of the usual death rate. This year being the exception that proves the rule—with about the same total population in this hospital since its opening, there have been three hundred and ninety-nine deaths among the men and two hundred and ninety-four among the women—a proof that the



women have a greater tenacity of life than the men. The excessive death rate was largely due to the severity of the winter and the prevalence of influenza. There were three deaths over eighty years of age—eight between seventy and eighty years of age—thirteen between sixty and seventy years of age—the balance being under sixty years of age. There were only six deaths of Tuberculosis this year, and last year only three were recorded. This being a much lower percentage than formerly. Some years ago the death rate was usually over twenty per cent. for this disease alone. This improvement may be attributed to a great extent to the patients being obliged to live the outdoor life as far as possible.

#### TREATMENT.

The acute cases have all received very careful attention in the Admission Wards. They have all been placed in bed and have had special diet served on diet trays. A special nurse attending to the diet on both male and Female Wards. We have had good results, as in former years, without Hydrotherapeutic Equipment, particularly from the use of the Continuous Baths. The Medical Men in charge of these wards have devoted a great amount of their time in seeing that their instructions for treatment were properly carried out, and in making a careful study of each patient.

Our chronic patients have been given employment and furnished with recreation as far as is in our power. In our cottages, we have been enabled to keep them out of doors a greater part of the time during the summer season. From our observations we are strongly of the opinion that a great deal can be done for this class of patients. All the staff have felt rewarded for their efforts in seeing their patients so healthy, contented and happy. We have found good results in getting one patient interested in another or to put one patient in charge of a group of other patients. Many of them have had their lives greatly brightened and their mental perception quickened by personal attention being paid to them. It has been the custom here, for many years, to make privileged patients of all who could prove themselves worthy of the trust.

#### TRAINING SCHOOL.

The training school, during the past year, was quite a success. Miss I. M. Carr, Trained Nurse, was in charge. The lecture course was given by the Medical staff and trained nurse, assisted by the doctors from the town. The thanks of the nurses and the staff are due to Doctors Jackson, Bowie, Williams, McBroom and Kerfoot, for the excellent course which they gave in the subjects assigned to them. In the spring examinations there were few failures and many of the nurses had their work wonderfully well prepared.

In September of this year, Miss Carr resigned her position here, and as yet, there has been no permanent appointment. The training school began, as usual, however, on the 1st of October, and has been running now for a month, with all the lectures being given by the members of the staff, as this was the desire expressed by the Provincial Board of Examiners for the Hospitals for the Insane.

#### ENGINEER'S DEPARTMENT.

The great amount of work each year in this department, for necessary repairs, would appear to be sufficient to keep them occupied all the time, but new work constantly has to be attended to.

In the early spring a bathroom was fitted up in the basement of the Superintendent's residence, later on a range boiler had to be installed to be suitable for both gas and coal range, with necessary steamfittings and plumbing.

A large number of enamelled sinks, with necessary plumbing, also new closets with flush tanks have been installed in the cottages. This work is not completed, but will be finished this fall. The lavatories then in all the cottages will be in as fine a sanitary condition, as those in the Main Halls.

At the new farm house a coal range and boiler had to be placed, also a bathroom properly equipped with closet, sink, etc. This necessitated a great deal of work as a special lead-lined tank had to be placed in the attic of the house so as to furnish water for both bathroom and barn. A cess-pool also had to be built.

A new furnace was installed in the basement, as the one in use was rusted out and very unsafe.

The horse stable and piggery have had electric wiring installed in conduit with all necessary junction-boxes and switches.

#### FIRE APPLIANCES.

These are also entirely in charge of the Engineer's Department. An immense amount of work has been done this season to improve our water pressure. A fresh connection was made with all the cottages, so as to have good inside fire protection.

On the grounds there were over six hundred feet of six inch water mains laid in connection with the hydrant circuit. Under the present plan the tank pressure is sufficient to cope with any ordinary fire, without the aid of the fire pump. The arrangements are such that protection is assured both outdoors and in the interior of the buildings.

#### CARPENTER'S DEPARTMENT.

Constant and somewhat extensive repairs have been required during the whole year, but in addition to this a good deal of new work has been done.

Early in the season a chicken house was built, and later on a hen house.

The horse stable and piggery have both required a great deal at the hands of the carpenter, as the interiors of both have been entirely taken out and all replaced.

An implement shed has been built at the south-east corner of the horse barn, and this has made a great improvement not only for increased room, but it shuts out the east wind at that point.

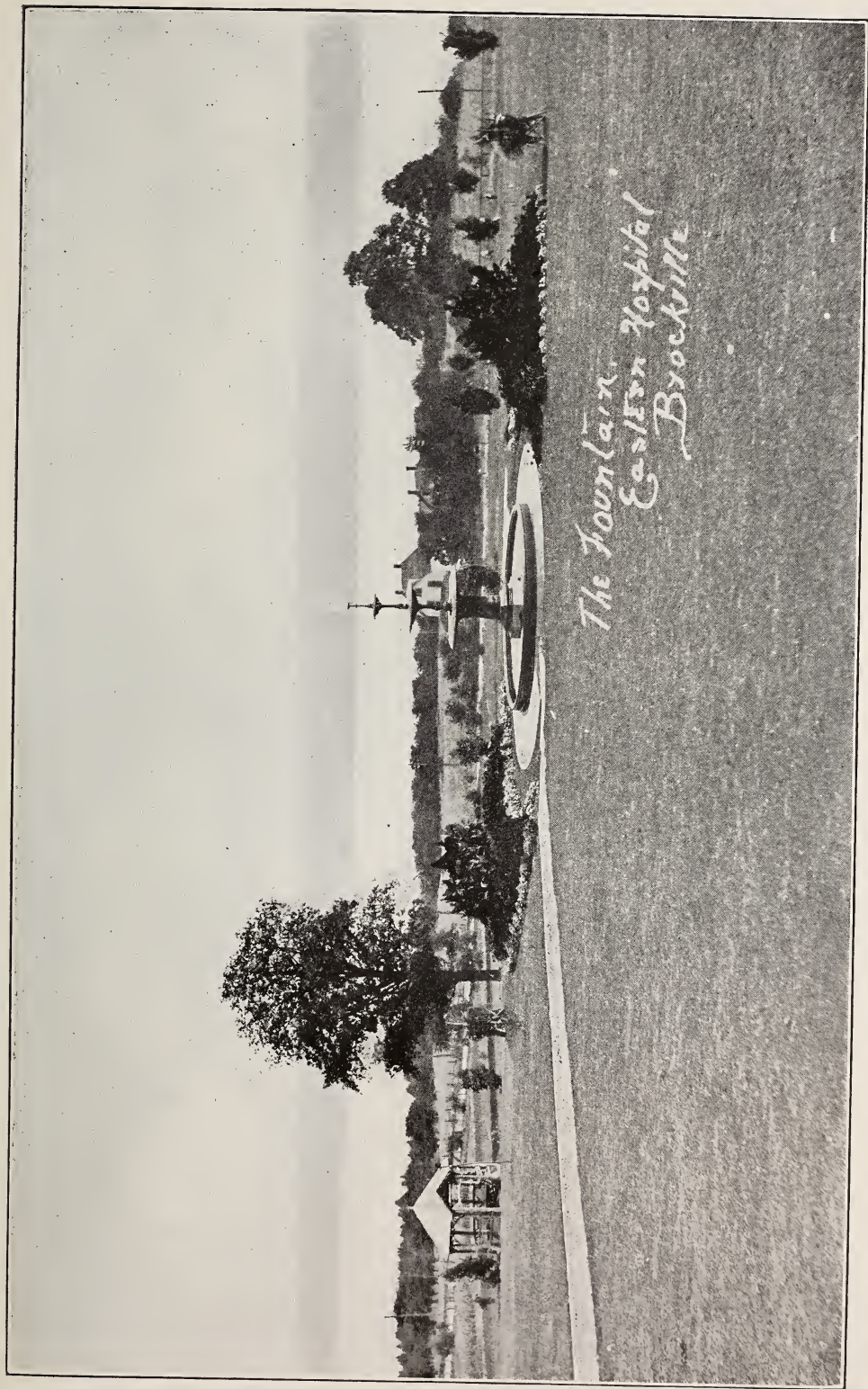
The tank required for putting in our water works at the farm was also built by the carpenter.

We had a good deal of additional work done in changing the woodshed there into a comfortable kitchen and dining-room.

#### MASON'S DEPARTMENT.

Our mason, like the other mechanics, is in hourly demand. There is so much required at his hands in connection with the work done by the other mechanics, as well as the always needed repairs, that it prevents him from ever being idle. In addition to this work, he has put in cement floors in poultry house, horse barn and piggery. In the latter, a number of cement partitions also had to be built.





View from Main Building overlooking St. Lawrence River.



He also built cement smoke house and boiling room, which we expect will be very useful to us.

A new cement walk was built from the institution to the west gate. There is a great deal more required, but we had not time to build more than this, this year.

We have required to have a number of our chimneys on the institution replaced as well as extensive repairs to the walls.

#### PAINTER'S DEPARTMENT.

This department is also a very busy one, but the work has been well to the front. The new work has been looked after as soon as it was in readiness.

Two halls and a cottage has been painted and renovated as well as doing a good deal of work in the Main Building, during the year.

The painter has also assisted in placing the new scenery on the stage in the Assembly Hall. This has made a wonderful improvement.

He also takes charge of the photography, and the work of photographing all the patients, has been well kept up to date.

#### FARM AND GARDEN.

The corn and root crop on the land in connection with the buildings here was exceedingly good. There is a large amount of ensilage in readiness for this winter's feeding.

The number of our cows has been about as usual—the total production of milk rather in advance of last year.

The pigs have been very satisfactory during the year and we have had such a large number on hand that we have been able to provide fresh pork weekly in the dietary of the patients.

An incubator was purchased early this season, and with this, we hatched about one hundred and fifty chickens. These have done exceedingly well and next year we hope to be benefited by this addition.

The garden crops have been excellent and we have had a greater number of vegetables provided for our patients this year than at any time previously. The strawberries were a splendid crop, but the other small fruits not as good as in some other years.

#### NEW FARM.

On the 29th of June we were favored with a visit from the Provincial Secretary, the Honourable W. J. Hanna. While here he purchased some new farm lands for this institution. The soil on all farms purchased is of first-class quality. The lands were purchased from three different parties and make a holding of about two hundred and forty acres.

The house on the Stag Farm has undergone some alterations and has been put in charge of a married couple, each of them, until the time of their marriage, had been Supervisors here. Seven male patients and two females are in this house, also a farm laborer. The house has been made very comfortable and the patients appear to be contented to remain there.



It is proposed, another summer, to put a second story over the present kitchen and dining-room, so that ten or twelve more patients can be placed in this residence.

On about two hundred acres of the farm, the crop was purchased with the farm.

We had a fairly good crop of corn, sufficient to fill the silo and provide feed for our young cattle there, for the winter.

The hay crop was very good and was estimated at about one hundred and forty tons.

The oat crop was also good and yielded us over a thousand bushels.

The purchase of these new farms has given our farmer and his assistants, a very busy summer.

#### NEW BUILDINGS.

The Provincial Secretary, on his visit here, selected a site for the new hospital building. As intimated in the early part of this report, the plans have been fully prepared by the Architect and the excavation for the building is practically complete. We hope to begin building operations early in the spring. This addition will give us greatly increased facilities for the treatment of our acute cases. It will also materially assist us in providing extra rooms for the accommodation of our night nurses, and so lessen the overcrowding that we have here at present.

We are arranging also to build another implement shed and room for storage of cement, lime and other materials. This building will be at the south of our cow barn and with the building erected this fall, will make our farm yard very comfortable.

We are desirous of building a dairy and cold storage room adjoining the present pantries, as it would assist very greatly in not only handling the milk properly, but providing facilities for better preservation of food.

Another poultry building will also be required next summer.

#### CHURCH SERVICES.

We are greatly indebted to the clergymen of the town for their kindness, in looking after the spiritual welfare of our people.

The Roman Catholics give their people here a service as often as they can arrange for it, and in addition, they are always quick to respond to any call in time of sickness or impending death.

The Protestant Clergymen have always very cheerfully given us a service here every Sabbath morning. Our patients here appreciate very much the kindness and excellent assistance given to them in this way. The services of these clergymen are given without any remuneration and they always respond most cheerfully to every call.

#### STAFF.

At the first of the official year Doctors Forster and MacNaughton were transferred here, one as Superintendent and the other as Assistant Superintendent, and after about six months, Dr. Forster was promoted to the position of Medical Superintendent at Toronto, and Dr. McNaughton was transferred to the position

of Assistant Superintendent at Hamilton. Their stay here was very short, but from all the kind things said about them in their absence, it goes without saying that they must have rendered excellent service.

In April of this year, Miss Jones, who was always a great favorite both in the institution and in the town, was transferred to Penetanguishene, and a previous occupant of the position, Miss Gibson, was transferred from Toronto, to once more take charge of the work here, as Matron. The general management of the housekeeping department, which is so very important, has not suffered in her hands and the wheels of our internal economy have run very smoothly.

On Dr. MacNaughton's removal, Dr. Neely who had been previously on the staff as Assistant Physician, was promoted to the position of Assistant Superintendent. He is taking the greatest interest in the institution and is in every sense of the term an assistant to the Superintendent.

On the 16th of May, I was promoted from Hamilton to my present position here, and on the same date Dr. C. M. Crawford of Kingston was appointed as Assistant Physician. He is very industrious and thorough, and is rendering excellent service.

In all the changes that have taken place here, during a number of years, one officer has been here constantly. The Bursar, Mr. W. P. Dailey, is not only efficient in his own department, but is taking the deepest interest in everything in connection with the institution. The assistance he has rendered to the different superintendents has been invaluable.

My warmest thanks are due to both the Provincial Secretary and the Inspectors for the assistance and kindly advice so cheerfully given during my short term of office.

I have the honour to be,

Sirs,

Your obedient servant,

J. C. MITCHELL,

*Medical Superintendent*

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, BROCKVILLE, FOR THE YEAR  
ENDING OCTOBER 31st, 1911.

TABLE No. 1—BROCKVILLE.

Showing movements of patients in the Hospital for the official year ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	330	330	660			
In Residence October 31st, 1910.....				339	340	679
Admitted during year 1910-11:						
By Warrant .....	10	7	17			
By Medical Certificate.....	54	53	107	64	60	124
Total number under treatment during year .....				403	400	803
Discharges during year:—						
As recovered .....	15	11	26			
“ improved .....	8	13	21			
“ unimproved .....	2	1	3			
“ not insane .....						
Total number discharged during year.	25	25	50			
Died .....	21	32	53			
Deported .....						
Eloped .....	3		3			
Transferred .....	4		4	53	57	110
Remaining in Hospital October 31st, 1911 .....				350	343	693
Total number admitted since opening of Hospital .....				1,191	1,172	2,363
Total number discharged since opening of Hospital .....	387	455	842			
Total number died since opening of Hospital .....	399	294	693			
Total number deported since opening of Hospital .....	3	4	7			
Total number eloped since opening of Hospital .....	29	2	31			
Total number transferred since opening of Hospital .....	23	74	97			
Total remaining in Hospital October 31st, 1911.....				350	343	693
Daily average population .....	349.14	342.09	691.23			
Collective days' stay of all patients in residence during year .....	127,437	124,863	252.30			
Number of applications on file.....	7	5	12			

TABLE No. 2—BROCKVILLE.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>						
Single .....	40	34	74	727	559	1,286
Married .....	18	20	38	438	567	1,005
Widowed .....	6	6	12	26	45	71
Divorced .....						
Separated .....					1	1
Unascertained .....						
Totals.....	64	60	124	1,191	1,172	2,363
<b>RELIGION.</b>						
Baptists .....	1	3	4	33	30	63
Congregationalists .....				6	3	9
Episcopalians .....	9	13	22	208	218	426
Methodists .....	14	7	21	184	225	409
Presbyterians .....	12	15	27	223	207	430
Roman Catholics .....	27	20	47	449	444	893
Other Denominations .....	1	1	2	53	37	90
Unascertained .....		1	1	35	8	43
Totals .....	64	60	124	1,191	1,172	2,363

TABLE No. 3—BROCKVILLE.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since openi. g.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total admissions .....	64	60	124	1,191	1,172	2,363
Total born in Canada .....	63	53	116	958	954	1,912
Armenia .....						
Assyria .....				2	2	4
Austria .....					1	1
Australia .....						
Belgium .....						
Bulgaria .....						
Central America .....						
China .....				1		1
Denmark .....				2		2
England .....		1	1	66	46	112
France .....				6		6
Finland .....						
Galicia .....						
Germany .....				5	6	11
Greece .....						
Holland .....						
Hungary .....						
Ireland .....		3	3	65	99	164
Italy .....				2		2
Japan .....						
Macedonia .....						
Other British Possessions .....						
Norway .....				1		1
Roumania .....						
Russia .....				3	5	8
Scotland .....		3	3	29	33	62
South America .....						
Spain .....						
Sweden .....				2	1	3
Turkey .....						
United States .....	1		1	30	18	48
West Indies .....						
Unascertained .....				19	7	26
Totals .....	64	60	124	1,191	1,172	2,363



TABLE No. 4—BROCKVILLE.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional :— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc .....	1	.....	1	15	2	17
Commercial :— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc .....	9	2	11	90	17	107
Agricultural and Pastoral :— Farmers, Gardeners, Stock Men, etc.	22	.....	22	367	.....	567
Mechanics at Outdoor Vocations :— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc .....	4	.....	4	122	.....	122
Mechanics, etc., at Sedentary Vocations : Shoemakers, Bookbinders, Composi- tors, Weavers, Tailors, Seam- stresses, Bakers, Factory Workers, etc .....	4	3	7	68	31	99
Domestic Service :— Waiters, Cooks, Servants, etc .....	.....	10	10	1	192	193
Education and Higher Domestic Duties :— Governesses, Teachers, Students, Housekeepers, Nurses, etc .....	3	45	48	10	801	811
Miners, Marine Engineers, Railway Em- ployees, Seamen, etc .....	2	.....	2	20	.....	20
Laborers .....	19	.....	19	393	.....	393
No Occupation .....	.....	.....	.....	60	106	166
Unascertained .....	.....	.....	.....	45	23	68
Totals .....	64	60	124	1,191	1,172	2,363

TABLE No. 5—BROCKVILLE.

Showing the Counties and Districts from which patients have been admitted during the year,  
and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...				1		1				1		1			
Brant .....															
Bruce .....				4	2	6				2		2	2		2
Carleton.....	17	18	35	306	307	613	5	4	9	143	109	252	85	108	193
Dufferin.....															
Dundas .....	4	5	9	60	54	114	1		1	1		1	15	14	29
Durham.....				6	5	11								3	3
Elgin.....				4	4	8				3	1	4			
Essex.....				7	4	11				4	4	8	2	1	3
Frontenac .....	1	1	2	16	16	32				7	7	14	2	6	8
Glengarry.....	5	3	8	73	67	140				1		1	10	17	27
Grenville.....	5	3	8	96	116	212	1		1	1	1	2	16	25	41
Grey .....				3	1	4				1	1	2			
Haldimand .....				3		3				3		3	1		1
Halton .....				2		2				1		1	1		1
Hastings .....				13	26	39				7	17	24	6	7	13
Huron .....				5	3	8				3		3	1	2	3
Kent.....				7	1	8				4		4	3		3
Lambton .....				8	1	9				5	1	6	4		4
Lanark .....	12	7	19	120	123	243	3	3	6	32	22	54	39	23	72
Leeds .....	7	10	17	125	140	265				31	18	49	45	43	88
Lennox and Ad- dington.....				4	5	9				4	5	9	2	1	3
Lincoln.....				3	2	5				2	2	4		1	1
Middlesex.....				16	16	32				10	6	16	3	4	7
Muskoka District..				1		1									
Nipissing District.				3	1	4							1		1
Norfolk.....				2		2				1		1			
Northumberland ..				6	4	10				6	3	9	2	1	3
Ontario.....				4	7	11				4	7	11	2		2
Oxford .....				5	3	8				5	1	6	1		1
Parry Sound Dis- trict .....															
Peel.....				4	2	6				2		2	1		1
Perth.....				6	1	7				6		6	2	1	3
Peterborough .....				4	2	6				4	2	6	1		1
Prescott.....	2	3	5	64	69	133				35	34	69	22	25	47
Prince Edward .....				2	3	5				1	1	2			
Rainy River Dis- trict .....										2	2	4			
Renfrew.....		2	2	13	14	27				8	5	13	5	4	9
Russell.....	4	3	7	31	39	70							14	12	26
Simcoe.....				7	3	10				5	2	7	2		2
Stormont.....	7	5	12	91	72	163				38	11	49	34	22	56
Thunder Bay Dis- trict .....				1		1							1		1
Victoria.....				2	8	10				2	7	9	1		1
Waterloo.....				2		2				1		1	1		1
Welland.....				3		3				3		3	2		2
Wellington.....				1	3	4				1		1			
Wentworth .....				3	5	8				3	2	5	1	2	3
York .....				48	41	89				43	35	78	18	10	28
Unascertained ....				6	2	8					1	1	2	1	3
Totals.....	64	60	124	1,191	1,172	2,363	10	7	17	436	307	743	350	343	693

TABLE No. 6—BROCKVILLE.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....	6	.....	6	2	.....	2	4
Mental Strain, Worry and Overwork (not included in above).....	12	11	23	9	8	17	6
Religious Excitement .....	.....	3	3	.....	3	3	.....
Love Affairs, including seduction.....	1	2	3	1	2	3	.....
Fright and Nervous Shock.....	.....	2	2	.....	1	1	1
PHYSICAL.							
Alcoholism .....	6	2	8	4	.....	4	4
Sexual Excess .....	1	.....	1	.....	.....	.....	1
Venereal Diseases .....	1	.....	1	1	.....	1	.....
Masturbation .....	.....	.....	.....	.....	.....	.....	.....
Insolation .....	1	.....	1	.....	.....	.....	1
Accident or Injury .....	1	1	2	1	1	2	.....
Pregnancy .....	.....	1	1	.....	1	1	.....
Parturition and Puerperium.....	.....	.....	.....	.....	.....	.....	.....
Lactation .....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period .....	.....	1	1	.....	1	1	.....
Fevers .....	3	2	5	1	1	2	3
Privation and Overwork.....	.....	2	2	.....	2	2	.....
Epilepsy .....	4	3	7	3	1	4	3
Other Convulsive Diseases.....	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull.....	2	.....	2	1	.....	1	1
Senility .....	10	10	20	7	8	15	5
Exophthalmic Goitre .....	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza .....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs.....	.....	.....	.....	.....	.....	.....	.....
Loss of Special Sense.....	.....	.....	.....	.....	.....	.....	.....
Uræmia .....	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection .....	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases.....	.....	2	2	.....	2	2	.....
HEREDITARY.							
Congenital Defect .....	13	10	23	7	8	15	8
Unascertained .....	3	8	11	.....	.....	.....	11
Not Insane .....	.....	.....	.....	.....	.....	.....	.....
Totals .....	64	60	124	37	39	76	48

TABLE No. 7—BROCKVILLE.

Showing hereditary tendency to insanity in patients admitted during the year  
and since the opening of the Hospital.

	Admitted During Year.			Since Opening.		
	Male.	Female.	Total.	Male	Female.	Total.
Paternal Branch .....	20	11	31	135	142	277
Maternal Branch .....	7	14	21	121	129	250
Paternal and Maternal Branches.....	4	1	5	48	37	85
Collateral Branches .....				185	200	385
No Hereditary Tendency .....	21	22	43	435	383	818
Unascertained .....	12	12	24	267	281	548
Totals.....	64	60	124	1,191	1,172	2,363

TABLE No. 8—BROCKVILLE.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge .....	29	32	61
Discharged, Recovered, while on Probation.....	15	11	26
"    Improved,    "    "    .....	7	12	19
"    Unimproved,    "    "    .....			
Died while on Probation.....			
Returned to Hospital while on Probation .....	2	6	8
Absent on Probation on October 31st, 1911 .....	5	3	8



TABLE No. 9—BROCKVILLE.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases:—</b>						
Typhoid Fever .....						
Influenza .....		1	1	2	1	3
Cerebro-spinal Meningitis .....				1		1
Diphtheria .....						
Erysipelas .....				3	1	4
Septicæmia .....				4	4	8
Dysentery .....		2	2	6	8	14
Syphilis .....	1		1	1		1
Tuberculosis .....	1	5	6	59	55	114
<b>Constitutional Diseases:—</b>						
Rheumatism .....					1	1
Arthritis Deformans .....						
Diabetes Mellitus .....						
<b>Diseases of the Digestive System:—</b>						
Mouth, salivary glands.....		1	1		1	1
Pharynx .....						
Tonsils .....						
Œsophagus .....	1		1	1		1
<b>Diseases of the Intestines:—</b>						
Diseases of the Liver.....				4	4	8
“ “ Pancreas .....						
“ “ Peritoneum .....		1	1	5	3	8
<b>Diseases of the Respiratory System:—</b>						
Diseases of the Nose and Larynx.				2		2
“ “ Bronchi .....				2		2
“ “ Lungs .....	1	2	3	16	15	31
“ “ Pleura .....				1	1	2
<b>Diseases of the Circulatory System:—</b>						
Diseases of the Pericardium .....						
“ “ Heart .....	2	5	7	32	25	57
Arterio-sclerosis .....	2		2	24	20	44
Aneurism .....				1		1
<b>Diseases of the Blood and Ductless Glands:—</b>						
Anæmia .....				3	1	4
Pernicious Anæmia .....						
Leukæmia .....						
Exophthalmic Goitre .....						
<b>Diseases of the Genito-Urinary System</b>	1	1	2	15	9	24
<i>Carried Forward</i> .....	9	18	27	182	149	330



TABLE No. 9—BROCKVILLE—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	9	18	27	182	149	330
Diseases of the Nervous System:—						
Diseases of the Nerves.....				1		1
“ “ Spinal Cord .....				1		1
“ “ Meninges .....					4	4
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions).....	2		2	24	16	40
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria) .....						
Epilepsy .....	1	5	6	40	19	59
Mental Diseases:—						
Exhaustion of Acute Mental Dis- ease .....	1	1	2	8	16	24
Exhaustion of Chronic Mental Dis- ease .....	1	3	4	59	38	97
General Paresis .....				42	7	49
Intoxications:—						
Alcoholism .....						
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age.....	7	5	12	27	31	58
Accident .....						
Suicide .....				5	3	8
Surgical Diseases .....				1	1	2
Gynæcological Diseases .....						
Malignant New Growths, or Cancer.....				9	10	19
Totals .....	21	32	53	399	294	693

TABLE No. 10—BROCKVILLE.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>Infection Psychoses:—</b>									
(a) Fever Delirium .....	2	....	2	1	....	1	1	....	1
(b) Infection Delirium .....	....	....	....	....	....	....	....	....	....
(c) Post Infection Psychoses.....	....	....	....	....	....	....	....	....	....
<b>Exhaustion Psychoses:—</b>									
(a) Collapsed Delirium .....	....	....	....	....	....	....	....	....	....
(b) Acute Confusional Psychoses.....	1	3	4	1	1	2	....	1	1
(c) Neurasthenia .....	3	....	3	3	1	4	....	....	....
<b>Intoxication Psychoses:—</b>									
(a) Acute Intoxications .....	....	....	....	....	....	....	....	....	....
(b) Chronic " .....	....	1	1	....	....	....	....	....	....
(a) Alcoholism (acute and chronic)... ..	2	1	3	1	....	1	....	....	....
(b) Delirium Tremens .....	....	....	....	....	....	....	....	....	....
(c) Korsakow's Psychoses .....	....	1	1	....	....	....	....	....	....
(d) Acute Alcoholic Hallucinoses.....	....	....	....	....	....	....	....	....	....
(e) Alcoholic Hallucinatory Dementia.	....	....	....	....	....	....	....	....	....
(f) " Paranoia .....	....	....	....	....	....	....	....	....	....
(g) " Paresis .....	....	....	....	....	....	....	....	....	....
(h) Morphinism .....	....	....	....	....	....	....	....	....	....
(i) Cocainism .....	....	....	....	....	....	....	....	....	....
<b>Thyroigenous Psychoses:—</b>									
(a) Mixedematous Psychoses .....	....	....	....	....	....	....	....	....	....
(b) Cretinism .....	....	....	....	....	....	....	....	....	....
<b>Dementia Præcox:—</b>									
(a) Hebaphrenic .....	16	13	29	3	7	10	1	4	5
(b) Catatonic .....	5	7	12	1	2	3	1	....	1
(c) Paranoid .....	2	3	5	....	....	....	1	1	2
<b>General Paresis .....</b>	2	....	2	....	....	....	1	....	1
<b>Organic Dementias:—</b>									
(a) Cerebral Sclerosis .....	....	....	....	....	....	....	....	....	....
(b) Huntingdon's Chorea .....	....	....	....	....	....	....	....	....	....
(c) Multiple Sclerosis .....	1	....	1	1	....	1	....	....	....
(d) Cerebral Syphilis .....	....	....	....	....	....	....	....	....	....
(e) Tabetic Psychoses .....	....	....	....	....	....	....	....	....	....
(f) Arterio-sclerotic Psychoses .....	2	....	2	....	....	....	....	....	....
(g) Cerebral Tumor, Abscess, Hæmorrhage	....	....	....	....	....	....	1	....	1
<b>Involution Psychoses:—</b>									
(a) Melancholia .....	....	2	2	....	....	....	....	1	1
(b) Pre-senile Delusional Psychoses.....	....	3	3	....	1	1	....	....	....
(c) Senile Dementia .....	7	8	15	1	1	2	13	14	27
<b>Manic Depressive Psychoses:—</b>									
(a) Manic States .....	4	3	7	....	4	4	1	3	4
(b) Depressed States .....	10	7	17	8	7	15	....	2	2
(c) Mixed States .....	....	....	....	....	....	....	....	....	....
<i>Carried Forward</i> ..	57	52	109	20	24	44	20	26	46

TABLE No. 10—BROCKVILLE—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	57	52	109	20	24	44	20	26	46
Paranoia .....		2	2	1	1	2			
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses .....	4	3	7	1	....	1	1	6	7
(b) Hysterical Psychoses .....	1	....	1	1	....	1			
(c) Sexualis Psychopathia .....									
States of Deficient Mental Development:—									
(a) Imbecility .....	2	3	5	2	....	2			
(b) Idiocy .....									
Not Diagnosed .....									
Not Insane .....									
Totals.....	64	60	124	25	25	50	21	32	53

TABLE No. 11—BROCKVILLE.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1911.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	19	9	.....	.....	1	6
From 1 to 2 months.....	10	7	2	.....	.....	1
" 2 " 3 " .....	13	10	1	.....	1	.....
" 3 " 4 " .....	5	12	3	.....	.....	1
" 4 " 5 " .....	8	14	.....	1	.....	.....
" 5 " 6 " .....	5	12	3	1	.....	.....
" 6 " 9 " .....	14	12	1	1	.....	2
" 9 " 12 " .....	5	17	3	5	.....	3
" 12 " 18 " .....	15	33	6	3	.....	2
" 18 months to 2 years..	4	24	1	1	.....	6
" 2 to 3 years .....	7	48	2	1	1	3
" 3 " 4 " .....	3	59	2	1	.....	3
" 4 " 5 " .....	1	41	1	4	.....	2
" 5 " 10 " .....	3	154	1	3	.....	9
" 10 " 15 " .....	3	161	.....	.....	.....	8
" 15 " 20 " .....	2	80	.....	.....	.....	8
" 20 years and upwards.	7	.....	.....	.....	.....	.....
Totals.....	124	693	26	21	3	53

## HOSPITAL FOR THE INSANE, COBOURG.

ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT FOR THE YEAR ENDING  
OCTOBER 31ST, 1911.

NOVEMBER 1ST, 1911.

To C. POSTLETHWAITE, ESQ., AND E. R. ROGERS, ESQ.

*Inspectors of Hospitals for Insane, etc., Toronto.*

GENTLEMEN,—I have the honour to submit for your consideration the report of the Hospital for Insane, Cobourg for the twelve months ending October 31st, 1911.

During this period 29 patients were admitted. Of this number 27 were transferred from other institutions and 2 were admitted directly from their homes. By rearranging the beds in the dormitories we were able to find accommodation for 9 additional patients without any overcrowding. Eleven of our patients died during the year and 7 were transferred to other institutions.

It was a very pleasant surprise for me when I took charge of this institution just one year ago to find a building so well adapted for the care and treatment of the insane. The dormitories, corridors and day rooms were unusually bright and cheerful, well furnished and well ventilated. It was quite evident that my predecessors in office had laid a good foundation and made it possible to effect such further improvements in the service from time to time as might be deemed necessary.

After looking over the ground it seemed to me desirable that something should be done in the way of providing better protection for our patients in case of fire. We began by organizing a system of fire drill and although at the outset we found it difficult to make much progress, still we persisted and at the present time we are able to remove the great majority of our patients from the building in a very short time. The helpless patients were transferred as far as possible to the first floor, where they can be removed much more readily. There were a considerable number of patients, mostly paranoiacs who absolutely refused to leave the building and who would no doubt refuse to do so even if they were surrounded by fire. We have been able to overcome these patients' objections in some cases, but there are still a number that must be removed forcibly when circumstances warrant it. Some of these patients also have been transferred to the first floor. There were no means by which the nurses could promptly communicate with the boiler room in case of fire nor was there any whistle to enable us to give a general alarm. These difficulties, however, have now been removed. By installing a local telephone service with the switchboard in the boiler room, the nurse in charge is able to communicate at once with the stoker who in turn will give the general alarm so that all persons may promptly report and perform the work assigned to them. It was found that the large dormitories on the top flats would be completely shut off from all exits in the event of fire occurring in certain parts of the building. The screen guards of these windows were firmly fixed and could only be removed with considerable delay and difficulty. To overcome this state of affairs arrangements were made to fasten a number of the window guards by means of hinges and a lock arranged in such a manner that they may be readily removed when required.



The stand pipes and hydrants have been tested at intervals and the hose and water pressure have been found satisfactory. Owing to the fact that the Hospital is situated within the town limits we are assured of prompt assistance from the local fire brigade, but after all, systematic carrying out of the work of protecting our patients must depend very largely on the staff.

It was also thought desirable to abolish the system of having our patients locked in their dormitories during the night. I need not dwell on this subject more than to say that such a condition should not be permitted in any institution. With only one night nurse, however, it was impossible to adopt any other plan. By the employment of extra help we may now safely leave all our dormitories unlocked and a large proportion of our patients appreciate very highly this sanitary improvement. This additional help, too, enabled us to shorten the hours of service for day nurses and it is rather unusual to be able to report that every nurse that was here in the beginning of the year is still in our employ.

An effort was also made to vary the patients' diet and much has been accomplished in this way without any additional cost.

We also introduced the new filing system recommended for use in the Hospitals for Insane in this province, and as everywhere else, we find it a very great convenience.

While no large work of importance was undertaken during the year, still many important improvements were effected, especially in the engineer's department, all of which will contribute towards economy. A considerable portion of the interior of the building was repainted but some additional work in this line will need to be done during the coming year.

In spite of the difficulties encountered during the past summer the gardener was able to show a very good return for his work, and both staff and patients were provided with a good supply of vegetables when in season.

In conclusion I wish to thank the members of the staff for the deep interest they took in carrying on the work of the institution. We had not any trouble or any serious accident of any kind whatever. I also wish to thank you for the interest you have continued to take in the welfare of this institution during the past year.

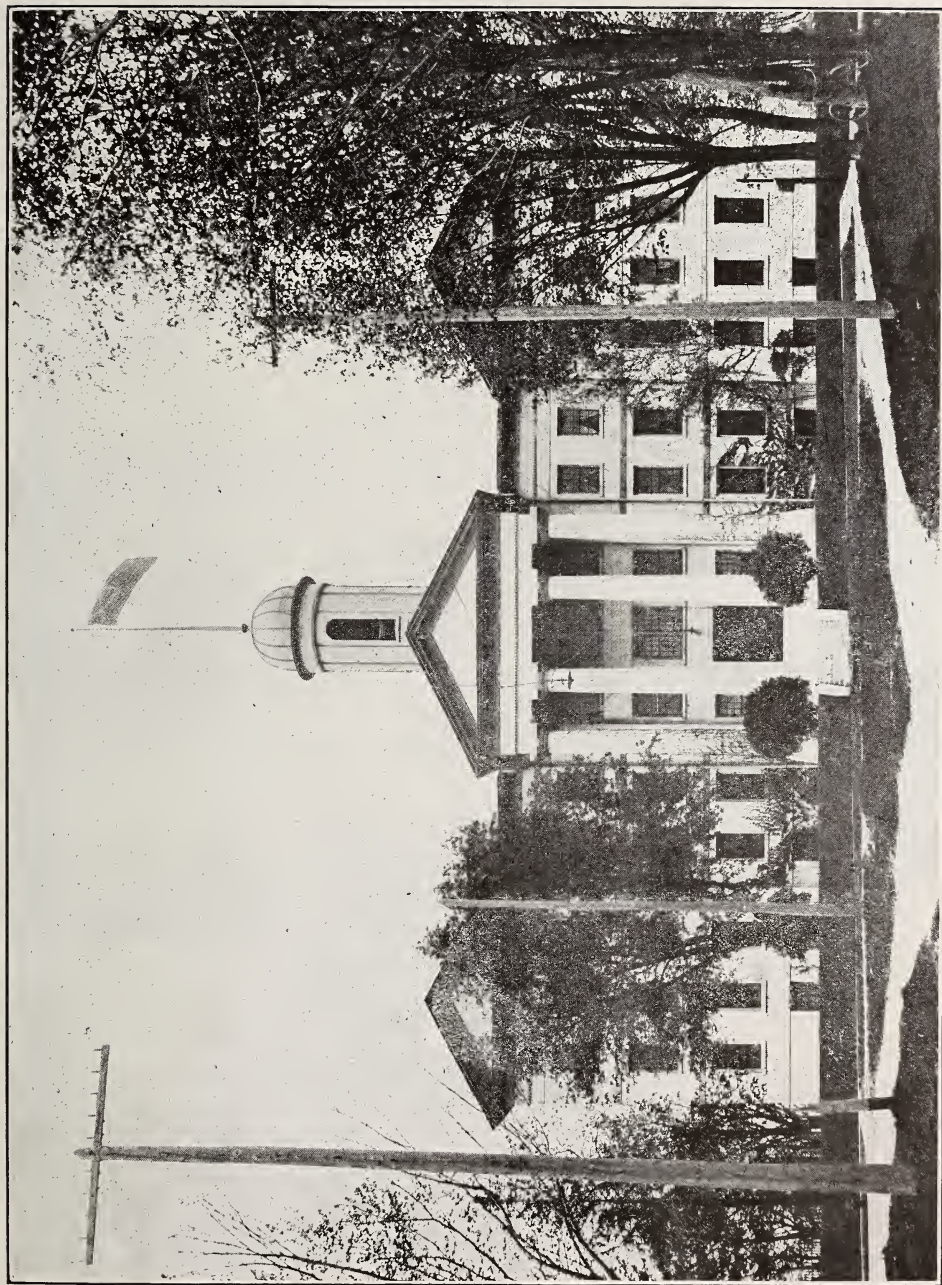
I have the honour to remain,

Your obedient servant,

THOS. J. MOHER,

*Medical Superintendent.*





Main Building, Cobourg.



**ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, COBOURG, FOR THE  
YEAR ENDING OCTOBER 31st, 1911.**

TABLE No. 1—COBOURG.

Showing movements of patients in the Hospital for the official year ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....		155	155			
In Residence October 31st, 1910 .....					145	145
Admitted during year 1910-11:—						
By Warrant .....		15	15			
By Medical Certificate.....		14	14		29	29
Total number under treatment during year .....					174	174
Discharges during year:—						
As recovered .....						
" improved .....						
" unimproved .....						
" not insane .....						
Total number discharged during year.....						
Died .....		11	11			
Deported .....		1	1			
Eloped .....						
Transferred .....		7	7		19	19
Remaining in Hospital October 31st, 1911 .....					155	155
Total number admitted since opening of Hospital .....					266	266
Total number discharged since opening of Hospital .....		6	6			
Total number died since opening of Hospital .....		77	77			
Total number deported since opening of Hospital .....		2	2			
Total number eloped since opening of Hospital .....						
Total number transferred since opening of Hospital .....		26	26		111	111
Total remaining in Hospital October 31st, 1911.....					155	155
Daily average population .....		151.4	151.4			
Collective days' stay of all patients in residence during year .....		55,286	55,286			
Number of applications on fyle.....						

TABLE No. 2—COBOURG.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>						
Single.....		13	13		148	148
Married .....		8	8		99	99
Widowed .....		8	8		19	19
Divorced .....						
Separated .....						
Unascertained .....						
Totals .....		29	29		266	266
<b>RELIGION.</b>						
Baptists .....		1	1		9	9
Congregationalists .....						
Episcopalians.....		10	10		60	60
Methodists .....		6	6		70	70
Presbyterians .....		5	5		49	49
Roman Catholics.....		5	5		56	56
Other Denominations.....		1	1		15	15
Unascertained .....		1	1		7	7
Totals .....		29	29		266	266



TABLE No. 3—COBOURG.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	.....	29	29	.....	266	266
Total born in Canada .....	.....	17	17	.....	164	164
Armenia .....	.....	.....	.....	.....	.....	.....
Assyria .....	.....	.....	.....	.....	.....	.....
Austria .....	.....	.....	.....	.....	.....	.....
Australia .....	.....	.....	.....	.....	.....	.....
Belgium .....	.....	.....	.....	.....	.....	.....
Bulgaria .....	.....	.....	.....	.....	.....	.....
Central America .....	.....	.....	.....	.....	.....	.....
China .....	.....	.....	.....	.....	.....	.....
Denmark .....	.....	.....	.....	.....	.....	.....
England .....	.....	8	8	.....	36	36
France .....	.....	1	1	.....	1	1
Finland .....	.....	.....	.....	.....	.....	.....
Galicia .....	.....	.....	.....	.....	.....	.....
Germany .....	.....	.....	.....	.....	2	2
Greece .....	.....	.....	.....	.....	.....	.....
Holland .....	.....	.....	.....	.....	.....	.....
Hungary .....	.....	.....	.....	.....	.....	.....
Ireland .....	.....	1	1	.....	40	40
Italy .....	.....	.....	.....	.....	.....	.....
Japan .....	.....	.....	.....	.....	.....	.....
Macedonia .....	.....	.....	.....	.....	.....	.....
Other British Possessions .....	.....	.....	.....	.....	.....	.....
Norway .....	.....	.....	.....	.....	1	1
Roumania .....	.....	.....	.....	.....	.....	.....
Russia .....	.....	.....	.....	.....	.....	.....
Scotland .....	.....	1	1	.....	16	16
South America .....	.....	.....	.....	.....	.....	.....
Spain .....	.....	.....	.....	.....	.....	.....
Sweden .....	.....	.....	.....	.....	.....	.....
Turkey .....	.....	.....	.....	.....	.....	.....
United States .....	.....	1	1	.....	3	3
West Indies .....	.....	.....	.....	.....	.....	.....
Unascertained .....	.....	.....	.....	.....	3	3
Totals .....	.....	29	29	.....	266	266

TABLE No. 4—COBOURG.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Professional:—</b>						
Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.....						
<b>Commercial:—</b>						
Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.....					3	3
<b>Agricultural and Pastoral:—</b>						
Farmers, Gardeners, Stock Men, etc.....						
<b>Mechanics at Outdoor Vocations:—</b>						
Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc.....						
<b>Mechanics, etc., at Sedentary Vocations:—</b>						
Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc.....		5	5		15	15
<b>Domestic Service:—</b>						
Waiters, Cooks, Servants, etc.....		7	7		70	70
<b>Education and Higher Domestic Duties:</b>						
Governesses, Teachers, Students, Housekeepers, Nurses, etc.....		11	11		115	115
<b>Miners, Marine Engineers, Railway Employees, Seamen, etc.....</b>						
<b>Laborers .....</b>						
<b>No Occupation .....</b>		6	6		63	63
<b>Unascertained .....</b>						
<b>Totals .....</b>		29	29		266	266

TABLE No. 5—COBOURG.

Showing the Counties and Districts from which patients have been admitted during the year,  
and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...															
Brant .....					2	2					2	2		1	1
Bruce .....					1	1								1	1
Carleton....					2	2					1	1		2	2
Dufferin....															
Dundas .....					2	2								2	2
Durham .....					21	21					2	2		7	7
Elgin .....					2	2								2	2
Essex .....					1	1					1	1			
Frontenac .....		4	4		10	10		3	3		5	5		8	8
Glengarry .....					2	2									
Grenville....															
Grey .....					6	6					3	3		6	6
Haldimand .....															
Halton .....					2	2					1	1		2	2
Hastings .....		2	2		9	9		1	1		3	3		6	6
Huron .....					6	6					4	4		4	4
Kent .....		1	1		2	2					1	1		1	1
Lambton .....					5	5					1	1		3	3
Lanark .....					1	1								1	1
Leeds .....															
Lennox and Ad- dington .....					6	6					4	4		3	3
Lincoln .....					5	5					3	3		3	3
Middlesex .....					13	13					4	4		8	8
Muskoka District.															
Nipissing District.					1	1								1	1
Norfolk .....															
Northumberland .....		3	3		21	21		1	1		6	6		9	9
Ontario .....		1	1		14	14		1	1		9	9		7	7
Oxford .....					5	5					2	2		1	1
Parry Sound Dis- trict .....															
Peel .....					2	2					2	2		1	1
Perth .....					3	3					2	2		2	2
Peterborough .....		1	1		16	16					6	6		10	10
Prescott .....															
Prince Edward .....					2	2								2	2
Rainy River Dis- trict .....															
Renfrew .....					2	2					1	1		1	1
Russell .....															
Simcoe .....					9	9					4	4		7	7
Stormont .....					2	2					1	1		1	1
Thunder Bay Dis- trict .....															
Victoria .....		2	2		11	11		1	1		5	5		6	6
Waterloo .....															
Welland .....															
Wellington .....					5	5					2	2		3	3
Wentworth .....		1	1		9	9					4	4		5	5
York .....		14	14		65	65		8	8		41	41		38	38
Unascertained .....					1	1					1	1		1	1
Totals .....		29	29		266	266		15	15		121	121		155	155

TABLE No. 6—COBOURG.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....							
Mental Strain, Worry and Overwork (not included in above).....		5	5				3
Religious Excitement .....							
Love Affairs, including seduction.....							
Fright and Nervous Shock.....							
PHYSICAL.							
Alcoholism .....		1	1				
Sexual Excess .....							
Venereal Diseases .....							
Masturbation .....							
Insolation .....							
Accident or Injury .....							
Pregnancy .....							
Parturition and Puerperium.....							
Lactation .....							
Climacteric Period .....							
Fevers .....							
Privation and Overwork.....		1	1				
Epilepsy .....							
Other Convulsive Diseases.....							
Diseases of Brain and Skull.....							
Senility .....							
Exophthalmic Goitre .....							
Epidemic Influenza .....							
Abuse of Drugs.....							
Loss of Special Sense.....							
Uræmia .....							
Other Auto-infection .....							
Other Bodily Diseases.....		1	1		1	1	
HEREDITARY.							
Congenital Defect .....		1	1		1	1	
Unascertained .....		20	20		4	4	20
Not Insane .....							
Totals .....		29	29		6	6	23



TABLE No. 7—COBOURG.

Showing hereditary tendency to insanity in patients admitted during the year  
and since the opening of the Hospital.

	Admitted During Year.			Since Opening.		
	Male	Female	Total	Male	Female	Total
Paternal Branch.....	.....	.....	.....	.....	7	7
Maternal Branch.....	.....	2	2	.....	15	15
Paternal and Maternal Branches.....	.....	.....	.....	.....	4	4
Collateral Branches.....	.....	4	4	.....	25	25
No Hereditary Tendency.....	.....	19	19	.....	185	185
Unascertained.....	.....	4	4	.....	30	30
Totals.....	.....	29	29	.....	266	266

TABLE No. 8—COBOURG.

Showing summary of probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge.....	.....	.....	.....
Discharged, Recovered while on Probation.....	.....	.....	.....
“ Improved “ “ “ .....	.....	.....	.....
“ Unimproved “ “ “ .....	.....	.....	.....
Died while on Probation.....	.....	.....	.....
Returned to Hospital.....	.....	.....	.....
Absent on Probation on October 31st, 1911.....	.....	.....	.....

TABLE No. 9—COBOURG.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases:—</b>						
Typhoid Fever .....						
Influenza .....					1	1
Cerebro-spinal Meningitis .....						
Diphtheria .....						
Erysipelas .....						
Septicæmia .....						
Dysentery .....		1	1		2	2
Syphilis .....						
Tuberculosis .....		2	2		6	6
<b>Constitutional Diseases:—</b>						
Rheumatism .....					1	1
Arthritis Deformans .....						
Diabetes Mellitus .....						
<b>Diseases of the Digestive System:—</b>						
Mouth, salivary glands.....						
Pharynx .....						
Tonsils .....						
Œsophagus .....						
<b>Diseases of the Intestines:—</b>						
Diseases of the Liver.....						
Diseases of the Pancreas.....						
Diseases of the Peritoneum.....						
Diseases of the Rectum (Prolapse)..		1	1		1	1
<b>Diseases of the Respiratory System:—</b>						
Diseases of the Nose and Larynx.						
“ “ Bronchi .....					1	1
“ “ Lungs .....					11	11
“ “ Pleura .....						
<b>Diseases of the Circulatory System:—</b>						
Diseases of the Pericardium .....						
“ “ Heart .....		1	1		12	12
Arterio-sclerosis .....						
Aneurism .....						
<b>Diseases of the Blood and Ductless Glands:—</b>						
Anæmia .....						
Pernicious Anæmia .....						
Leukæmia .....						
Exophthalmic Goitre .....						
<b>Diseases of the Genito-Urinary System</b>					2	2
<i>Carried Forward</i> .....		5	5		38	38

TABLE No. 9—COBOURG—Continued.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	.....	5	5	.....	38	38
Diseases of the Nervous System:—						
Diseases of the Nerves.....	.....	.....	.....	.....	.....	.....
“      “      Spinal Cord .....	.....	.....	.....	.....	.....	.....
“      “      Meninges.....	.....	.....	.....	.....	1	1
Organic Diseases of the Brain, .....	.....	.....	.....	.....	.....	.....
(Tumor, Abscess, Embolism, .....	.....	.....	.....	.....	.....	.....
Thrombosis, Hæmorrhage, and .....	.....	.....	.....	.....	3	3
other gross lesions).....	.....	.....	.....	.....	.....	.....
Functional Nervous Diseases, .....	.....	.....	.....	.....	.....	.....
(Paralysis Agitans, Chorea, .....	.....	.....	.....	.....	.....	.....
Eclampsia, Hysteria).....	.....	.....	.....	.....	.....	.....
Epilepsy .....	.....	.....	.....	.....	2	2
Mental Diseases:—						
Exhaustion of Acute Mental Dis- .....	.....	.....	.....	.....	.....	.....
ease.....	.....	.....	.....	.....	3	3
Exhaustion of Chronic Mental Dis- .....	.....	.....	.....	.....	.....	.....
ease .....	.....	.....	.....	.....	8	8
General Paresis .....	.....	.....	.....	.....	1	1
Intoxications:—						
Alcoholism .....	.....	.....	.....	.....	.....	.....
Morphinism .....	.....	.....	.....	.....	.....	.....
Metallic Poisoning .....	.....	.....	.....	.....	.....	.....
Heat Stroke .....	.....	1	1	.....	1	1
Debility of Old Age.....	.....	4	4	.....	16	16
Accident .....	.....	.....	.....	.....	.....	.....
Suicide.....	.....	.....	.....	.....	.....	.....
Surgical Diseases .....	.....	.....	.....	.....	2	2
Gynæcological Diseases.....	.....	.....	.....	.....	.....	.....
Malignant new Growths, or Cancer.....	.....	1	1	.....	2	2
Totals.....	.....	11	11	.....	77	77

TABLE No. 10—COBOURG.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses :—									
(a) Fever Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Infection Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Post Infection Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Exhaustion Psychoses :—									
(a) Collapsed Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Acute Confusional Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Neurasthenia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Intoxication Psychoses :									
(a) Acute Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Chronic “ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(a) Alcoholism (acute and chronic) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Delirium Tremens.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Korsakow's Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Acute Alcoholic Hallucinations.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Alcoholic Hallucinatory Dementia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) “ Paranoia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(g) “ Paresis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(h) Morphnism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(i) Cocainism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thyroidogenous Psychoses :—									
(a) Mixœdematous Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Cretinism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dementia Præcox :—									
(a) Hebaphrenic .....	.....	10	10	.....	.....	.....	.....	3	3
(b) Catatonic .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Paranoid.....	.....	2	2	.....	.....	.....	.....	.....	.....
General Paresis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Organic Dementias :—									
(a) Cerebral Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Huntingdon's Chorea .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Multiple Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Cerebral Syphilis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Tabetic Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) Arterio Sclerotic Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(g) Cerebral Tumor, Abscess, Hæmorrhage.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Involution Psychoses :—									
(a) Melancholia .....	.....	.....	.....	.....	.....	.....	.....	2	2
(b) Pre-senile Delusional Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Senile Dementia.....	.....	10	10	.....	.....	.....	.....	4	4
Manic Depressive Psychoses :—									
(a) Manic States.....	.....	.....	.....	.....	.....	.....	.....	1	1
(b) Depressed States .....	.....	.....	.....	.....	.....	.....	.....	1	1
(c) Mixed States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carried Forward .....	22	22	.....	.....	.....	.....	.....	11	11



TABLE No. 10—COBOURG—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Brought Forward.....	....	22	22	....	....	....	....	11	11
Paranoia.....	....	5	5	....	....	....	....	....	....
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses.....	....	....	....	....	....	....	....	....	....
(b) Hysterical Psychoses.....	....	....	....	....	....	....	....	....	....
(c) Sexualis Psychopathia.....	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development:—									
(a) Imbecility.....	....	2	2	....	....	....	....	....	....
(b) Idiocy.....	....	....	....	....	....	....	....	....	....
Not Diagnosed.....	....	....	....	....	....	....	....	....	....
Not Insane.....	....	....	....	....	....	....	....	....	....
Totals.....	....	29	29	....	....	....	....	11	11

TABLE No. 11—COBOURG.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1911.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	1	3	....	....	....
From 1 to 2 months.....	....	4	....	....	....
“ 2 “ 3 “.....	....	....	....	....	....
“ 3 “ 4 “.....	....	....	....	....	....
“ 4 “ 5 “.....	....	2	....	....	....
“ 5 “ 6 “.....	1	4	....	....	....
“ 6 “ 9 “.....	3	8	....	....	....
“ 9 “ 12 “.....	1	5	....	....	1
“ 12 “ 18 “.....	....	11	....	....	....
“ 18 months to 2 years.....	....	3	....	....	....
“ 2 to 3 years.....	....	5	....	....	....
“ 3 “ 4 “.....	1	12	....	....	2
“ 4 “ 5 “.....	6	6	....	....	....
“ 5 “ 10 “.....	1	92	....	....	8
“ 10 “ 15 “.....	....	....	....	....	....
“ 15 “ 20 “.....	5	....	....	....	....
“ 20 years and upwards.....	10	....	....	....	....
Totals.....	29	155	....	....	11

## HOSPITAL FOR THE INSANE, HAMILTON.

NOVEMBER 18th, 1911.

TO C. R. W. POSTLETHWAITE, ESQ., AND E. R. ROGERS, ESQ.

*Inspectors of Hospitals for the Insane,  
Toronto, Ontario.*

GENTLEMEN,—In accordance with the Statute I beg herewith to submit the 36th Annual Report of this Hospital for the year ending October 31st, 1911.

We commenced with a population of 1,223 patients, and 209 were admitted during the twelve months, and we now have under our care 1,251.

The unfortunate fire on the night of August 1st gave opportunity for the officers and staff to show what they were made of, and to say that we were proud of their untiring efforts and fearless actions in the times of greatest danger inadequately describes our feelings. Though all are worthy of the highest commendation, special mention should be made of Miss E. M. Carr, Chief Female Attendant, Assistant Superintendent Dr. P. MacNaughton, Supervisors D. S. Young and John Forsyth, and Attendants F. M. Roblin and William Armstrong, in conjunction with City Fireman Fitzgerald and other members of the City Fire Brigade.

The City Fire Department under Chief Ten Eyck promptly responded to our call for help and it was satisfactory to know that ample water supply and pressure—about 90 lbs.—was available from our own fire system during the whole time though thousands of gallons were poured into the buildings.

## WORK DONE.

The piggery is completed and is giving the utmost satisfaction; in April an opportunity occurred for the procuring of a twelve horse-power upright boiler in first-class condition, as it had been used only for a short time, and at a very reasonable rate, 'twas installed in this building and supplies steam for food cooking, bone boiling and heating the administrative section.

At Hickory Farm the Main Building has been raised to two full storeys, and a twenty-foot section added to the kitchen wing and the whole brick veneered; it is heated with hot water and will be lighted with electricity and give accommodation to at least 36 patients in place of the 20 now resident thereat. We fear that we will not be able to complete the plastering, etc., before spring, but purpose pushing the matter as far as possible with our own staff.

At Orchard House a start has been made in the repair of fire walls and chimneys, and the purchase of the steel work for the new verandahs; and some of the material for the kitchen at the infirmary has also been obtained and it is hoped to start the erection of this early in the spring.

Some 1,430 feet of cement sidewalk 3 feet in width has been constructed about the farm residences and buildings and a small smoke house of brick and stone with iron door and roof and a bone house of stone adjacent to the piggery have been put up.

In preparing for the Hydro Electric power and lighting system very much work has been done by the engineering staff and willing patient labourers, both





Main Building, Hamilton.





at the Queen St. Pump House, along the pole line to the Hospital and on the grounds; handsome iron standards have been erected along the main avenue and ample lights placed throughout the grounds and adjacent to the farm residences.

The extension of the lighting system to Hickory Farm, which is made possible owing to a sufficient portion of the discarded wire from the old system and a sufficient number of posts being available for the purpose, is to be commended as it will relieve us of the use in the sitting-rooms, dormitories, etc., of the dangerous coal oil lamps which we have heretofore been compelled to use.

A start has been made in the reconstruction of the cold storage section at the slaughter house and we purpose raising the brick walls some eight or ten feet and placing the ice chest above rather than on the same level as the cooling section; we will in this way also more than double our storage capacity and be enabled to properly care for our splendid supply of apples as well as lay by hundreds of dozens of eggs during the summer while they are at a reasonable price for winter consumption—this work we trust will be completed in time for the storage of ice by February 1st, 1912.

The ice pond, notwithstanding that it was not full of water when the cold season commenced and that the weather was wretched—early in January froze over satisfactorily and we obtained from its surface some 275 tons. This coming season we hope to cut sufficient for our whole wants for the year.

The dairy returns have been most satisfactory and we have continued to add to the herd some of the best Holstein cattle available and our monthly average per cow has been considerably increased; we have also been able to sell at good prices two pure-bred Holstein sires whose records on their dam's and sire's show them to be from the most productive and richest stock in the country.

#### CROPS.

Owing to the scarcity of rain early in the season, our crop of hay was very short and much below the average, and consequently we will have to do what has not been required for many years back, buy fifty tons to meet our requirements before the new crop comes in; in the other crops the return has been a fair average.

In the garden we have notwithstanding the drought had a more abundant supply of the most of vegetables than ever before; also the apple crop has been very large with a much larger percentage of A1 fruit as a result of the free use of the new gasoline power spray apparatus and we feel that another season's crop will fully repay the outlay therefor.

#### MOVEMENTS OF STAFF.

Dr. J. G. Mitchell after six months of energetic and painstaking work with us was transferred to increased responsibility at the Brockville Hospital, and Dr. J. R. N. Childs retired on August 1st, 1911, to take up private practice in laboratory work, especially in London. Also Dr. W. H. Tytler, Pathologist resigned on September 1st, to take up special research work in the Rockefeller Institute at New York. Dr. MacNaughton succeeded Dr. Mitchell and you have been most fortunate in choosing as junior men Drs. E. F. Jeffries, W. A. Marshall and E. Fidler who show ability for the work and the utmost energy and interest therein.

The work of repair in the burnt sections of Halls C. and D. Main Building is slowly proceeding and it is hoped that by Christmas the patients will be again

occupying them. Architectural changes have added much to the sanitary condition of the corridors and the construction of a new room for stores on the upper hall and the building of numbers of fire walls above the roofs will lessen very much the likelihood of such serious destruction should a fire occur again at any rate.

#### REQUIREMENTS.

The late fire has made more evident what was before an acknowledged fact concerning the lavatory and bath accommodation—as it was necessary to take the sixty patients from Hall “D” down to “C” in order that they be efficiently bathed—that increased water pressure is absolutely necessary on the upper flats of the Main Building and our opinion is that this may be most efficiently and economically provided by the erection of a tank that will hold from 60,000 to 100,000 gallons at an elevation of 100 feet; a very suitable spot therefor would be the site of the butcher’s old residence opposite the slaughter house, and the new Turbine pump in the East Boiler House has been installed with this in view.

Again I beg to suggest that a great saving in the consumption of coal as well as a lessening in labor and increased efficiency in the heating of the several buildings and residences would be made by the erection of a central boiler house. At one of the best of the State Hospitals in Illinois that I had the pleasure of visiting during the past summer this plan is pursued even where the buildings are three-quarters of a mile distant from the plant and the utmost satisfaction is expressed both as to the economy and efficiency of the scheme. Our buildings are not so far distant as these and we feel convinced that the savings in fuel for a couple of years would more than meet the outlay.

*Power Elevators*—the four hand elevators which have for years been used for the conveyance of supplies to the several dining-rooms of the Main Building are well nigh out of commission and beyond repair—in fact, that on the men’s side has been useless for the past six months and must be entirely replaced either in its present form or by an electrical one. In the laundry also a power hoist would be of very great service.

*Green Houses.* There is urgent need for increased accommodation for plant raising, and a section 30 by 100 feet should be added, or, better still, the whole plant renewed and added to as the staging in two of the houses will have to be replaced during the coming year and the foundations are in none too good a condition.

We trust that there will be a revote of the unexpended balances for the erection of the kitchen at the Infirmary and the verandahs and repairs to Orchard House and, in fact, \$300,00 additional for painting the exterior of this latter building should also be inserted.

#### SALARIES.

In consideration of the great increase in living and clothing expenses during the last few years and the general increase in salaries and wages now being paid for office, mechanical and labouring work we believe that the time has arrived for the granting of a substantial increase to all the members of the staff—especially those who are maintaining residences.

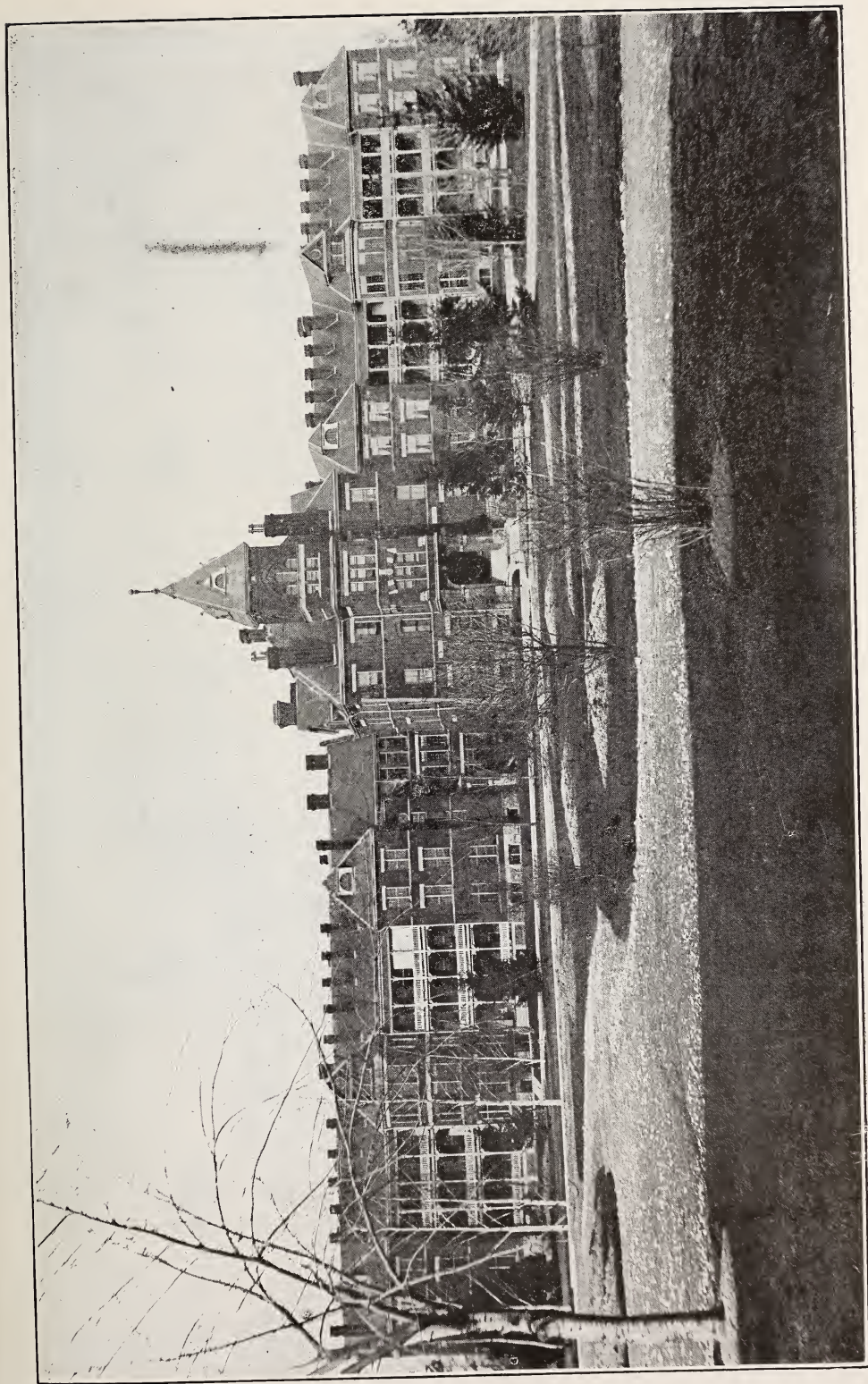
Thanking you all most heartily for your ever ready advice and assistance, I am,

Your obedient servant,

W. M. ENGLISH,

*Superintendent.*





Orchard House, Hamilton.





**ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, HAMILTON, FOR THE YEAR  
ENDING OCTOBER 31st, 1911.**

TABLE No. 1—HAMILTON.

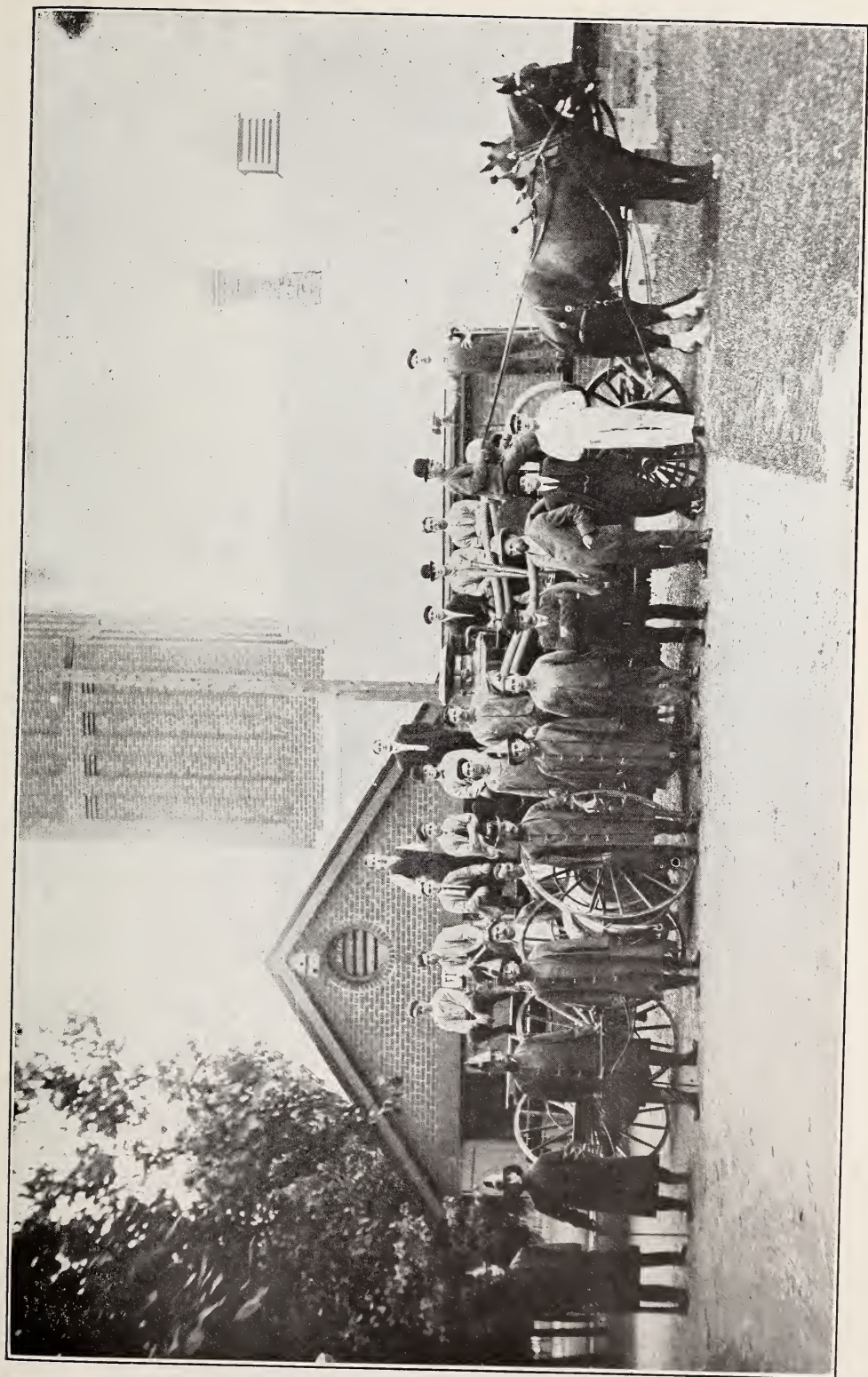
Showing movements of patients in the Hospital for the official year ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	635	624	1,259			
In residence October 31st, 1910.....				603	620	1,223
Admitted during year 1910-11:						
By Warrant .....	62	26	88			
By Medical Certificate.....	50	71	121	112	97	209
Total number under treatment during year 1910-1911 .....				715	717	1,432
Discharges during year:—						
As recovered .....	14	13	27			
" improved .....	18	21	39			
" unimproved .....	2	2	4			
" not insane .....						
Total number discharged during year.	34	36	70			
Died .....	50	39	89			
Deported .....	7	2	9			
Eloped .....	4		4			
Transferred .....	8	1	9	103	78	181
Remaining in Hospital October 31st, 1911 .....				612	639	1,251
Total number admitted since opening of Hospital .....				2,867	2,875	5,742
Total number discharged since opening of Hospital .....	1,049	1,220	2,269			
Total number died since opening of Hospital .....	893	766	1,659			
Total number deported since opening of Hospital .....	17	4	21			
Total number eloped since opening of Hospital .....	94	9	103			
Total number transferred since open- ing of Hospital .....	202	237	439	2,255	2,236	4,491
Total remaining in Hospital October 31st, 1911 .....				612	639	1,251
Daily average population .....	609	631	1,240			
Collective days' stay of all patients in residence during year .....	222,249	230,478	452,727			
Number of applications on fyle.....	11	11	22			

TABLE No. 2—HAMILTON.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.						
Single .....	71	43	114	1,539	1,207	2,746
Married .....	41	54	95	1,328	1,668	2,996
Widowed .....						
Divorced .....						
Separated .....						
Unascertained .....						
Totals .....	112	97	209	2,867	2,875	5,742
RELIGION.						
Baptists .....	7	6	13	166	187	353
Congregationalists .....	1		1	18	14	32
Episcopalians .....	16	14	30	526	502	1,028
Methodists .....	23	19	42	675	714	1,389
Presbyterians .....	22	23	45	538	544	1,082
Roman Catholics .....	23	21	44	492	534	1,026
Other Denominations .....	11	10	21	303	292	595
Unascertained .....	9	4	13	149	88	237
Totals .....	112	97	209	2,867	2,875	5,742



Fire Brigade, Hamilton.





TABLE No. 3—HAMILTON.

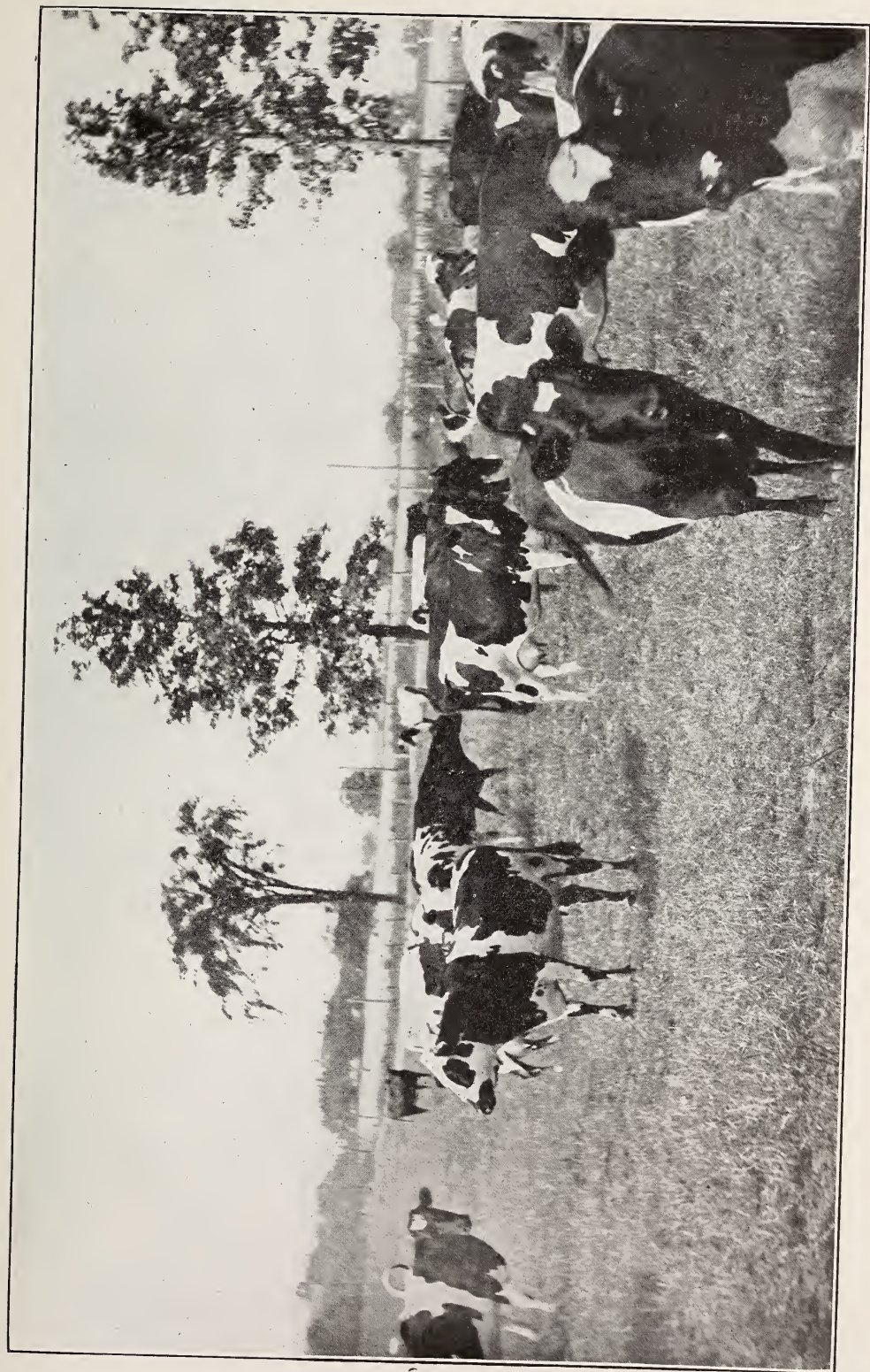
Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	112	97	209	2,867	2,875	5,742
Total born in Canada .....	74	74	148	1,739	1,800	3,539
Armenia .....						
Assyria .....						
Austria .....		1	1	2	1	3
Australia .....				1		1
Belgium .....						
Bulgaria .....						
Central America .....						
China .....						
Denmark .....						
England .....	17	10	27	422	294	716
France .....	1		1	2		2
Finland .....	1		1	1		1
Galicia .....	2		2	2		2
Germany .....		1	1	9	13	22
Greece .....						
Holland .....				1		1
Hungary .....						
Ireland .....	6	6	12	276	391	667
Italy .....	2	1	3	5	1	6
Japan .....						
Macedonia .....						
Other British Possessions .....				95	88	183
Norway .....						
Roumania .....	1		1	2		2
Russia .....				2	2	4
Scotland .....	6	2	8	183	170	353
South America .....				2	1	3
Spain .....						
Sweden .....	1		1	2		2
Turkey .....						
United States .....		2	2	65	72	137
West Indies .....						
Unascertained .....	1		1	56	42	98
Totals.....	112	97	209	2,867	2,875	5,742

TABLE No. 4—HAMILTON.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Professional:—</b>						
Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engin- eers, Surveyors, etc.....		1	1	47	2	49
<b>Commercial:—</b>						
Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.....	13	.....	13	126	27	153
<b>Agricultural and Pastoral:—</b>						
Farmers, Gardeners, Stock Men, etc.	17	.....	17	859	3	862
<b>Mechanics at Outdoor Vocations:—</b>						
Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc. ....	15	.....	15	214	2	216
<b>Mechanics, etc., at Sedentary Voca- tions:—</b>						
Shoemakers, Bookbinders, Com- positors, Weavers, Tailors, Seam- stresses, Bakers, Factory Work ers, etc. ....	10	3	13	318	94	412
<b>Domestic Service:—</b>						
Waiters, Cooks, Servants, etc.....		11	11	8	584	592
<b>Education and Higher Domestic Duties:</b>						
Governesses, Teachers, Students, Housekeepers, Nurses, etc.....		60	60	80	1,742	1,822
<b>Miners, Marine Engineers, Railway Employees, Seamen, etc.....</b>	1	.....	1	24	.....	24
<b>Laborers .....</b>	42	.....	42	812	4	816
<b>No Occupation .....</b>	14	22	36	99	194	293
<b>Unascertained .....</b>				280	223	503
<b>Totals.....</b>	112	97	209	2,867	2,875	5,742



Part of Herd of Holsteins, Hamilton.







TABLE No. 5—HAMILTON.

Showing the Counties and Districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District ..	3	....	3	13	6	19	3	....	3	12	1	13	5	...	5
Brant .....	2	7	9	159	181	340	1	1	2	64	39	103	38	51	89
Bruce .....	....	....	....	7	19	26	....	....	....	6	8	14	1	2	3
Carleton .....	....	....	....	10	11	21	....	....	....	9	7	16	...	3	3
Dufferin.....	2	2	4	50	58	108	1	2	3	27	16	43	11	15	26
Dundas .....	....	....	....	2	3	5	....	....	....	2	1	3	1	...	1
Durham .....	....	1	1	10	17	27	....	....	....	9	7	16	...	2	2
Elgin.....	....	....	....	7	7	14	....	....	....	3	2	5	2	...	2
Essex .....	1	....	1	6	1	7	....	....	....	3	1	4	2	...	2
Frontenac .....	....	....	....	28	9	37	....	....	....	27	3	30	2	1	3
Glengarry .....	....	....	....	5	4	9	....	....	....	4	1	5	3	...	3
Grenville .....	1	....	1	4	3	7	1	....	1	4	2	6	1	1	2
Grey .....	7	5	12	200	151	351	4	2	6	128	62	190	62	53	115
Haldimand .....	5	7	12	121	122	243	1	1	2	51	22	73	24	22	46
Halton .....	4	1	5	99	100	199	2	....	2	42	25	67	23	21	44
Hastings.....	....	....	....	6	8	14	....	....	....	6	6	12	....	....	....
Huron .....	....	....	....	5	12	17	....	....	....	2	3	5	1	...	1
Kent .....	....	....	....	7	7	14	....	....	....	6	1	7	2	...	2
Lambton .....	....	....	....	10	5	15	....	....	....	8	1	9	3	...	3
Lanark.....	....	....	....	1	3	4	....	....	....	1	1	2	....	....	....
Leeds .....	....	....	....	4	5	9	....	....	....	4	4	8	1	1	2
Lennox and Addington .....	....	....	....	10	1	11	....	....	....	9	....	9	....	....	....
Lincoln .....	1	9	10	145	166	311	1	1	2	86	47	133	30	39	69
Middlesex .....	2	....	2	21	14	35	1	....	1	11	8	19	5	4	9
Muskoka District .....	....	....	....	17	2	19	....	....	....	10	2	12	4	...	4
Nipissing District .....	5	4	9	11	7	18	4	....	4	53	37	90	6	6	12
Norfolk .....	3	....	3	112	114	226	2	....	2	10	4	14	23	27	50
Northumberland .....	....	....	....	26	17	43	....	....	....	14	8	22	1	1	2
Ontario .....	....	....	....	27	34	61	....	....	....	21	21	42	4	3	7
Oxford .....	1	....	1	17	16	33	....	....	....	13	10	23	4	...	4
Parry Sound Dist .....	....	1	1	5	6	11	....	....	....	5	3	8	1	2	3
Peel .....	2	....	2	20	27	47	....	....	....	6	8	14	4	6	10
Perth .....	....	....	....	7	11	18	1	....	1	7	7	14	3	2	5
Peterborough .....	....	....	....	10	17	27	....	....	....	10	11	21	....	....	....
Prescott.....	....	....	....	3	7	10	....	....	....	3	6	9	...	2	2
Prince Edward .....	....	....	....	5	2	7	....	....	....	3	2	5	....	....	....
Quebec Province .....	....	....	....	1	....	1	....	....	....	1	....	1	1	...	1
Rainy River Dist..	3	....	3	6	....	6	3	....	3	6	....	6	4	...	4
Renfrew.....	1	....	1	5	2	7	....	....	....	4	....	4	....	....	....
Russell .....	....	....	....	....	1	1	....	....	....	....	1	1	...	1	1
Simcoe .....	....	....	....	216	162	378	....	....	....	151	82	233	20	13	33
Stormont.....	....	....	....	6	3	9	....	....	....	5	1	6	5	...	5
Thunder Bay Dist.	3	....	3	10	3	13	3	....	3	10	2	12	6	1	7
Victoria .....	....	....	....	12	22	34	....	....	....	10	18	28	2	1	3
Waterloo .....	3	13	16	178	177	355	2	2	4	95	31	126	53	71	124
Welland .....	3	5	8	141	177	318	1	....	1	60	34	94	28	38	66
Wellington .....	4	8	12	252	275	527	1	2	3	93	44	137	51	66	117
Wentworth .....	51	28	79	640	659	1,299	27	10	37	161	89	250	147	150	297
York .....	5	5	10	204	218	422	3	5	8	168	161	329	25	30	55
Unascertained .....	....	1	1	5	2	7	....	....	....	2	1	3	2	3	5
New Brunswick .....	....	....	....	1	....	1	....	....	....	1	....	1	1	...	1
United States .....	....	....	....	....	1	1	....	....	....	....	....	....	...	1	1
Total .....	112	97	209	2,867	2,875	5,742	62	26	88	1,446	851	2,297	612	639	1251

TABLE No. 6—HAMILTON.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....		1	1				
Mental Strain, Worry and Overwork (not included in above).....	7	4	11	5	2	7	
Religious Excitement .....							
Love Affairs, including seduction.....							
Fright and Nervous Shock.....							
PHYSICAL.							
Alcoholism .....	20	1	21	11		11	
Sexual Excess .....							
Venereal Diseases .....	3	1	4				
Masturbation .....	2	1	3	1		1	
Insolation .....							
Accident or Injury .....	3		3				
Pregnancy .....		2	2				
Parturition and Puerperium.....							
Lactation .....							
Climacteric Period .....		2	2		1	1	
Fevers .....							
Privation and Overwork.....							
Epilepsy .....	15	6	21	9	2	11	
Other Convulsive Diseases.....							
Diseases of Brain and Skull.....							
Senility .....	16	5	21	5	1	6	
Exophthalmic Goitre .....							
Epidemic Influenza .....							
Abuse of Drugs.....	1	1	2				
Loss of Special Sense.....							
Uræmia .....	1		1				
Other Auto-infection .....	2		2				
Other Bodily Diseases.....							
HEREDITARY.							
Congenital Defect .....	1	1	2	1	1	2	
Unascertained .....	41	72	113	80	90	170	
Not Insane .....							
Totals.....	112	97	209	112	97	209	

TABLE No. 7—HAMILTON.

Showing hereditary tendency to insanity in patients admitted during the year and since the year 1908.

	Admitted During Year			Since Opening		
	Male	Female	Total	Male	Female	Total
Paternal Branch .....	7	1	8	58	27	85
Maternal Branch .....	8	3	11	48	36	84
Paternal and Maternal Branches .....	1	2	3	6	6	12
Collateral Branches .....	13	26	39	47	70	117
No Hereditary Tendency .....	53	49	102	144	144	288
Unascertained .....	30	16	46	91	67	158
Totals .....	112	97	209	394	350	744

TABLE No. 8—HAMILTON.

Showing summary of probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge .....	33	32	65
Discharged, Recovered while on Probation .....	10	10	20
"    Improved    "    "    " .....	10	8	18
"    Unimproved    "    "    " .....	1	.....	1
Died while on Probation .....	.....	.....	.....
Returned to Hospital while on Probation .....	1	3	4
Absent on Probation on October 31st, 1911 .....	11	11	22
	33	32	65

TABLE No. 9—HAMILTON.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases :—						
Typhoid Fever.....	1	.....	1	3	1	4
Influenza .....	.....	.....	.....	2	2	4
Cerebro-spinal Meningitis .....	.....	.....	.....	.....	.....	.....
Diphtheria .....	.....	.....	.....	.....	.....	.....
Erysipelas .....	.....	.....	.....	11	6	17
Septicæmia.....	1	.....	1	9	4	13
Dysentery .....	.....	.....	.....	13	14	27
Syphilis.....	.....	.....	.....	.....	.....	.....
Tuberculosis .....	.....	5	5	137	155	292
Constitutional Diseases :—						
Rheumatism .....	.....	.....	.....	.....	1	1
Arthritis Deformans .....	.....	.....	.....	.....	.....	.....
Diabetes Mellitus .....	1	.....	1	1	.....	1
Diseases of the Digestive System :—						
Mouth, salivary glands.....	.....	.....	.....	.....	.....	.....
Pharynx .....	.....	.....	.....	.....	.....	.....
Tonsils.....	.....	.....	.....	.....	.....	.....
Oesophagus .....	.....	.....	.....	.....	.....	.....
Enteritis .....	1	1	2	5	13	18
Diseases of the Intestines :—						
Diseases of the Liver.....	.....	1	1	3	9	12
“ “ Pancreas.....	.....	.....	.....	9	8	17
“ “ Peritoneum .....	.....	.....	.....	5	3	8
Intestinal Obstruction.....	.....	1	1	.....	.....	.....
Diseases of the Respiratory System :—						
Diseases of the Nose and Larynx....	1	.....	1	1	.....	1
“ “ Bronchi.....	1	1	2	3	1	4
“ “ Lungs .....	6	1	7	52	31	83
“ “ Pleura.....	.....	.....	.....	1	2	3
Diseases of the Circulatory System :						
Diseases of the Pericardium .....	.....	.....	.....	.....	.....	.....
“ “ Heart .....	7	9	16	63	42	105
Arterio-sclerosis .....	6	4	10	10	4	14
Aneurism .....	.....	.....	.....	2	.....	2
Diseases of the Blood and Ductless Glands :—						
Anæmia.....	1	.....	1	2	4	6
Pernicious Anæmia .....	1	3	4	8	10	18
Leukæmia.....	.....	.....	.....	.....	.....	.....
Exophthalmic Goitre.....	.....	.....	.....	.....	.....	.....
Puepuro Hæmorrhage.....	.....	.....	.....	3	3	6
Diseases of the Genito-Urinary System ..	2	2	4	20	11	31
<i>Carried Forward</i> .....	29	28	57	363	324	687



TABLE No. 9—HAMILTON—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	29	28	57	363	324	687
Diseases of the Nervous System :—						
Diseases of the Nerves .....						
“ “ Spinal Cord .....						
“ “ Meninges .....				1	6	7
Organic Diseases of the Brain—						
(Tumor, Abscess, Embolism,						
Thromboids, Hæmorrhage, and						
other gross lesions) .....	6	2	8	50	54	104
Functional Nervous Diseases,						
(Paralysis Agitans, Chorea,						
Eclampsia, Hysteria .....				1	1	2
Epilepsy) .....				84	43	127
Mental Diseases :—						
Exhaustion of Acute Mental Dis-						
ease .....	2	.....	2	46	102	148
Exhaustion of Chronic Mental Dis-						
ease .....	2	4	6	63	69	132
General Paresis .....	2	2	4	131	15	146
Intoxications :—						
Alcoholism .....						
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age .....	1	3	4	110	108	218
Accident .....	8	.....	8	14	1	15
Suicide .....				12	13	25
Surgical Diseases .....				7	5	12
Gynæcological Diseases .....					2	2
Malignant New Growths, or Cancer .....				11	23	34
Totals .....	50	39	89	893	766	1,659

TABLE No. 10—HAMILTON.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses :—									
(a) Fever Delirium .....	...	...	...	...	...	...	...	...	...
(b) Infection Delirium .....	...	...	...	...	...	...	...	...	...
(c) Post Infection Psychoses .....	...	...	...	...	...	...	...	...	...
Exhaustion Psychoses :—									
(a) Collapsed Delirium .....	...	1	1	...	1	1	...	...	...
(b) Acute Confusional Psychoses .....	1	...	1	...	1	1	...	...	...
(c) Neurasthenia .....	...	1	1	...	...	...	...	...	...
Intoxication Psychoses :—									
(a) Acute Intoxication .....	1	...	1	...	...	...	...	...	...
(b) Chronic .....	...	...	...	...	...	...	...	...	...
(a) Alcoholism (acute and chronic) .....	6	2	8	2	1	3	1	...	1
(b) Delirium Tremens .....	...	...	...	...	...	...	...	...	...
(c) Korsakow's Psychoses .....	...	...	...	...	...	...	...	...	...
(d) Acute Alcoholic Hallucinosiis .....	1	...	1	1	...	1	...	...	...
(e) Alcoholic Hallucinatory Dementia .....	1	...	1	...	...	...	1	...	1
(f) " Paranoia .....	3	...	3	1	...	1	...	...	...
(g) " Paresis .....	...	...	...	...	...	...	...	...	...
(h) Morphinism .....	1	1	2	2	...	2	...	...	...
(i) Cocainism .....	...	...	...	...	...	...	...	...	...
Thyroigenous Psychoses :—									
(a) Mixœdematous Psychoses .....	...	...	...	...	...	...	...	...	...
(b) Cretinism .....	...	...	...	...	...	...	...	...	...
Dementia Præcox :									
(a) Hebaphrenic .....	13	9	22	7	5	12	7	5	12
(b) Catatonic .....	16	23	39	2	9	11	11	3	14
(c) Paranoid .....	17	15	32	3	5	8	2	19	21
General Paresis .....	4	1	5	...	...	...	2	2	4
Organic Dementias :—									
(a) Cerebral Sclerosis .....	...	...	...	...	...	...	...	...	...
(b) Huntingdon's Chorea .....	...	...	...	...	...	...	...	1	1
(c) Multiple Sclerosis .....	...	...	...	...	...	...	...	...	...
(d) Cerebral Syphilis .....	...	...	...	...	...	...	...	...	...
(e) Tabetic Psychoses .....	...	...	...	...	...	...	...	...	...
(f) Arterio Sclerotic Psychoses .....	7	1	8	1	...	1	4	1	5
(g) Cerebral Tumor, Abscess, Hæmorrhage ..	...	...	...	...	...	...	...	...	...
(h) Traumatic Dementia .....	1	...	1	...	...	...	...	...	...
Involution Psychoses :—									
(a) Melancholia .....	5	10	15	3	5	8	2	3	5
(b) Pre-senile Delusional Psychoses .....	...	6	6	...	1	1	1	...	1
(c) Senile Dementia .....	4	3	7	1	1	2	5	2	7
Manic Depressive Psychoses :—									
(a) Manic States .....	5	6	11	2	2	4	2	1	3
(b) Depressed States .....	3	6	9	4	3	7	1	...	1
(c) Mixed States .....	...	3	3	1	1	2	1	...	1
Carried Forward .....	89	88	177	30	35	65	40	37	77

TABLE No. 10—HAMILTON—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Brought Forward.....	89	88	177	30	35	65	40	37	77
Paronia .....	.....	1	1	.....	.....	.....	.....	.....	.....
Psychoses from Constitutional Neuroses :—									
(a) Epileptic Psychoses .....	7	5	12	1	.....	1	5	1	6
(b) Hysterical Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Sexualis Psychopathia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
States of Deficient Mental Development :—									
(a) Imbecility .....	9	2	11	1	.....	1	2	.....	2
(b) Idiocy .....	1	.....	1	.....	.....	.....	.....	.....	.....
Not Diagnosed.....	6	1	7	2	1	3	3	1	4
Not Insane .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total .....	112	97	209	34	36	70	50	39	89

TABLE No. 11—HAMILTON.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1911.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	28	15	.....	.....	1	5
From 1 to 2 months .....	6	20	1	.....	.....	3
“ 2 “ 3 “ .....	12	9	.....	1	.....	1
“ 3 “ 4 “ .....	7	22	2	.....	1	1
“ 4 “ 5 “ .....	8	14	2	2	.....	3
“ 5 “ 6 “ .....	2	30	4	2	.....	.....
“ 6 “ 9 “ .....	12	33	12	7	.....	3
“ 9 “ 12 “ .....	6	29	1	3	.....	5
“ 12 “ 18 “ .....	12	91	4	8	.....	4
“ 18 months to 2 years ..	4	58	.....	6	.....	3
“ 2 to 3 years .....	12	82	.....	1	.....	4
“ 3 “ 4 “ .....	5	79	.....	.....	.....	2
“ 4 “ 5 “ .....	4	72	.....	3	.....	4
“ 5 “ 10 “ .....	11	222	1	2	1	9
“ 10 “ 15 “ .....	8	156	.....	.....	1	8
“ 15 “ 20 “ .....	16	123	.....	.....	.....	14
“ 20 years and upwards..	3	196	.....	4	.....	20
Unascertained .....	53	.....	.....	.....	.....	.....
Totals.....	209	1,251	27	39	4	89

## HOSPITAL FOR THE INSANE, KINGSTON.

To C. R. W. POSTLETHWAITE, Esq., AND E. R. ROGERS, Esq.

*Inspectors of Asylums, etc.*

*Toronto.*

GENTLEMEN,—I have the honour to submit for your consideration the 49th Annual Report of this Hospital, for the year ending October 31st, 1911.

## ADMISSIONS.

During the past year there were 108 admissions to this Hospital, 100 by ordinary process and 8 by warrant. Of these admissions 48 were men and 60 women.

This admission rate is smaller than usual. The number of admissions for the previous 10 years being as follows:—

1901 .....	127
1902 .....	129
1903 .....	130
1904 .....	110
1905 .....	129
1906 .....	130
1907 .....	113
1908 .....	119
1909 .....	91 (10 months)
1910 .....	113

Fifty-two of these admissions were acute cases, i.e., the psychosis had not existed longer than 12 months. The remaining fifty-six were chronic cases, the psychosis having existed from one and a half to twenty years.

## DISCHARGES.

During the year our discharge list contained 72 names, 29 men and 43 women. Of those discharged 58 were recovered, 11 showed marked improvement, and 3 were not benefited by their hospital treatment. The percentage of recoveries to admissions being about 54 per cent.

## DEATHS.

Our death rate for the year just closed has been high, 34 men and 22 women, total 56, being slightly over 8 per cent. of the total number of patients under treatment. Tuberculosis was the cause of death in 14 cases. Other bronchial affections 9. Cardiac diseases 7. General Paresis 5. Debility of old age 5. There was no death from suicide this year. One patient died while on probation.





Main Building, Kingston.



## WATER SUPPLY.

During the year we completed the extension to our water pipe, renewing the inshore 300 feet, and adding 300 feet to the outer end of the old pipe, making a total of 900 feet, and the depth of water at the end 80 feet. In spite of this extension our water showed sewage contamination, and we found it necessary to instal a chlorination plant, since then we have had no trouble.

This summer our ornamental grounds have been in a very disordered condition, due to enlarging our fire protection system. We have laid 2,000 feet of 6 inch pipe, 500 feet of 4 inch pipe and placed 4 new hydrants; two new standpipes 100 feet high are being installed in main building, having 5 hose connections on each pipe. The excavation for these pipes, except some rock cutting, was done by our patients.

## SEWAGE DISPOSAL.

Our sewage system, which was constructed some 20 years ago, has been found inadequate to our present requirements, and is going to be changed to a septic tank system. The plans for this work were received too late to undertake it this year.

## GREENHOUSE.

A new greenhouse 65 feet long has been constructed, and our old conservatory practically rebuilt. This work was done by our own artisans, excepting the heating.

## BOILER ROOM.

It was found necessary to practically re-brick in three of our steam boilers, which has now been done.

## DIET KITCHEN.

During the year we equipped a special diet kitchen, and the results have been eminently satisfactory, and the wonder is how any hospital could get along without a diet kitchen, and be called properly equipped. This kitchen is in charge of our nurses, under the direction of the Chief Nurse. A special course in Dietetics is now being given by Miss Baird.

## WARDS.

We now have trained nurses in two of our male wards, and have found the change most beneficial in every way. The wards are better kept, patients get proper nursing, diet is better served, clothing kept neater, and there is more order and decorum amongst the patients. It is our intention to further extend the system in the near future.

## NURSES' HOME.

On account of the employment of more nurses, it has been found that our Nurses' Home is too small, and plans have been received for an addition, for which I trust an appropriation will be made this Session.

I cannot close this report without thanking you for your consideration and advice, which has always been cheerfully given, and greatly appreciated by us.

I have the honour to be,

Sirs,

Your obedient servant,

E. RYAN,

*Medical Superintendent.*  
*Per B.*





One of the Corridors, Kingston.



ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, KINGSTON, FOR THE YEAR  
ENDING OCTOBER 31st, 1911.

TABLE No. 1—KINGSTON.

Showing movements of patients in the Hospital for the official year ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	311	282	593			
In residence, November 31st, 1910.....				313	272	585
Admitted during year 1911 :						
By Warrant .....	5	3	8			
By Medical Certificate.....	43	57	100	48	60	108
Total number under treatment during year .....				361	332	693
Discharges during year:—						
As recovered .....	24	34	58			
" improved .....	3	8	11			
" unimproved .....	2	1	3			
" not insane .....						
Total number discharged during year.	29	43	72			
Died .....	34	22	56			
Deported .....						
Eloped .....	1		1			
Transferred .....		5	5	64	70	134
Remaining in Hospital, October 31st, 1911.....				297	262	559
Total number admitted since opening of Hospital .....				2,458	2,132	4,590
Total number discharged since opening of Hospital .....	1,059	971	2,030			
Total number died since opening of Hospital .....	780	597	1,377			
Total number deported since opening of Hospital .....	4	2	6			
Total number eloped since opening of Hospital .....	75	1	76			
Total number transferred since opening of Hospital .....	243	299	542	2,161	1,870	4,031
Total remaining in Hospital October 31st, 1911.....				297	262	559
Daily average population .....	303	262	565			
Collective days' stay of all patients in residence during year .....	110,635	95,847	206,482			
Number of applications on file.....	24	24	48			



TABLE No. 2—KINGSTON.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>						
Single .....	19	21	40	1,425	938	2,363
Married .....	23	35	58	1,013	1,168	2,181
Widowed .....	6	4	10	13	24	37
Divorced .....					1	1
Separated .....				7	1	8
Unascertained .....						
Totals.....	48	60	108	2,458	2,132	4,590
<b>RELIGION.</b>						
Baptists .....	3		3	44	40	84
Congregationalists .....				10	6	16
Episcopalians .....	7	11	18	484	399	883
Methodists .....	14	14	28	553	532	1,085
Presbyterians .....	4	9	13	368	351	719
Roman Catholics .....	11	19	30	761	675	1,436
Other Denominations .....	2	2	4	166	96	262
Unascertained .....	7	5	12	72	33	105
Totals.....	48	60	108	2,458	2,132	4,590



TABLE No. 3—KINGSTON.

Showing nativity of patients admitted during the year and since opening of Hospital.

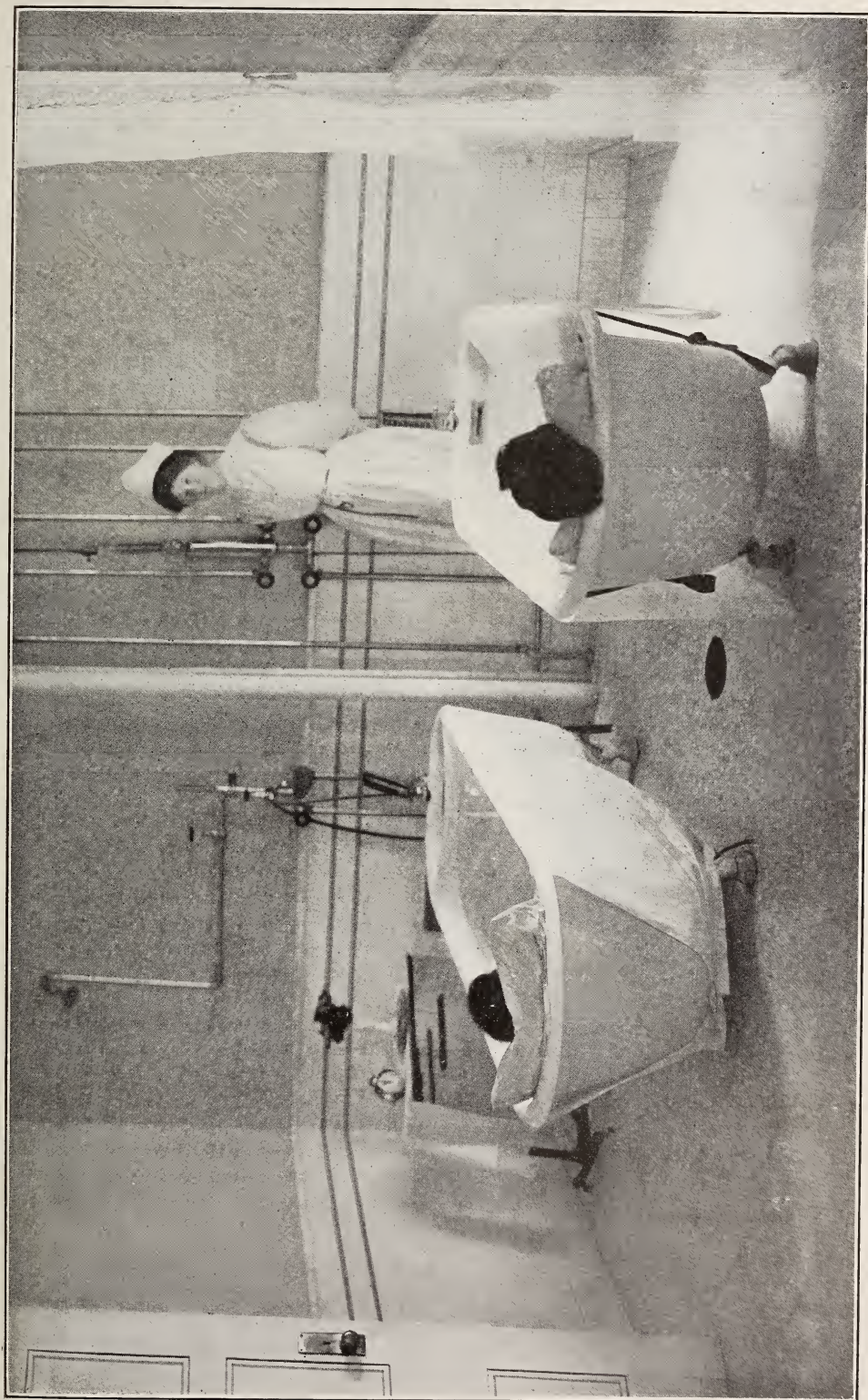
Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	48	60	108	2,458	2,132	4,590
Total born in Canada .....	39	53	92	1,655	1,468	3,123
Armenia .....						
Assyria .....				1		1
Austria .....						
Australia .....						
Belgium .....						
Bulgaria .....						
Central America .....						
China .....						
Denmark .....						
England .....	5	2	7	208	136	344
France .....				1	1	2
Finland .....				1	2	3
Galicia .....		1	1		1	1
Germany .....	1	1	2	32	17	49
Greece .....						
Holland .....						
Hungary .....						
Ireland .....		1	1	328	302	630
Italy .....				3		3
Japan .....						
Macedonia .....						
Other British Possessions.....				6	4	10
Norway .....						
Roumania .....						
Russia .....				13	2	15
Scotland .....		2	2	90	93	183
South America .....						
Spain .....						
Switzerland .....				6		6
Sweden .....				1		1
United States .....	1		1	31	25	56
West Indies .....				1	1	2
Other Countries .....				4	8	12
Unascertained .....	2		2	77	72	149
Totals.....	48	60	108	2,458	2,132	4,590

TABLE No. 4—KINGSTON.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Professional:—</b>						
Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.....	1	.....	1	58	2	60
<b>Commercial:—</b>						
Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.....	7	.....	7	166	3	169
<b>Agricultural and Pastoral:—</b>						
Farmers, Gardeners, Stock Men, etc.	16	.....	16	749	4	753
<b>Mechanics at Outdoor Vocations:—</b>						
Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc. ....	9	.....	9	236	.....	236
<b>Mechanics, etc., at Sedentary Vocations:—</b>						
Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc. ....	.....	.....	.....	173	134	307
<b>Domestic Service:—</b>						
Waiters, Cooks, Servants, etc.....	.....	4	4	26	456	482
<b>Education and Higher Domestic Duties:</b>						
Governesses, Teachers, Students, Housekeepers, Nurses, etc.....	.....	48	48	27	1,113	1,140
<b>Miners, Marine Engineers, Railway</b>						
Employees, Seamen, etc.....	2	.....	2	61	.....	61
<b>Laborers</b> .....	8	.....	8	702	.....	702
<b>No Occupation</b> .....	4	8	12	89	161	250
<b>Unascertained</b> .....	1	.....	1	128	180	308
<b>Other Occupations</b> .....	.....	.....	.....	43	79	122
<b>Totals</b> .....	48	60	108	2,458	2,132	4,590





Continuous Baths, Kingston.





TABLE No. 5—KINGSTON.

Showing the Counties and Districts from which patients have been admitted during the year and since opening of Hospital.

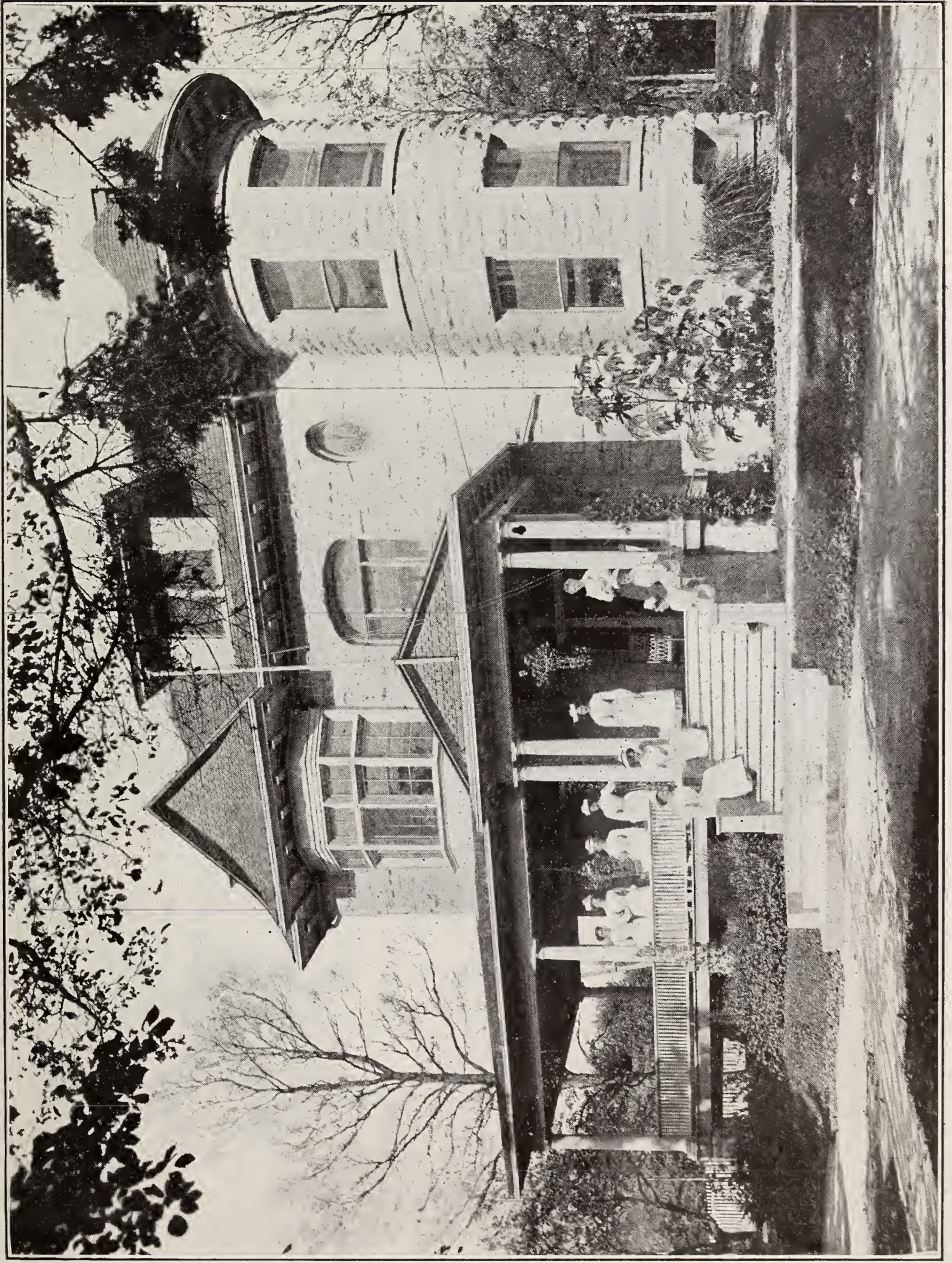
Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...				3	2	5				3	2	5			
Brant .....				6	7	13				6	7	13			
Bruce .....				3	6	9				3	5	8			
Carleton .....		1	1	203	163	366				166	125	291	30	17	47
Dufferin .....															
Dundas .....	1		1	37	35	70							5	3	8
Durham .....	4	2	6	43	38	81	2		2	8	3	11	3	4	7
Elgin .....				3	4	7				3	4	7			
Essex .....				3	2	5				3	2	5			
Frontenac .....	16	15	31	475	451	926				167	106	273	52	71	123
Glengarry .....		1	1	55	53	108							5	5	10
Grenville .....				58	52	110							2	2	4
Grey .....				7	10	17				7	9	16		1	1
Haldimand .....				6	7	13				6	6	12			
Halton .....				3	2	5				2	1	3			
Hastings .....	11	11	22	249	214	463	1	1	2	129	66	195	50	35	85
Huron .....				6	5	11				6	5	11			
Kent .....		1	1	4	1	5				4		4		1	1
Lambton .....				12	2	14				12	2	14			
Lanark .....		1	1	125	125	250				97	87	184	10	8	18
Leeds .....				83	76	159				79	57	136	8	6	14
Lennox and Ad- dington .....	4	5	9	183	155	338	1		1	93	46	139	24	19	43
Lincoln .....				9	7	16				9	5	14			
Middlesex .....				9	6	15				6	4	10	1		1
Muskoka District..				1	1	2					1	1			
Nipissing District..					1	1					1	1			
Norfolk .....				7	5	12				7	5	12	1		1
Northumberland ..	1	5	6	122	152	274				81	64	145	36	25	61
Ontario .....				19	23	42				18	22	40			
Oxford .....				14	4	18				14	3	17			
Parry Sound Dis- trict .....															
Peel .....				4	1	5				4	1	5			
Perth .....				10	9	19				10	9	19			
Peterborough .....		2	2	9	17	26				8	8	16	2	1	3
Prescott .....				48	30	78				41	24	65	1	2	3
Prince Edward ...	4	3	7	97	76	173	1	1	2	34	17	51	21	14	35
Rainy River Dis- trict .....				1		1				1		1			
Renfrew .....	7	12	19	177	170	347				58	22	80	28	34	62
Russell .....					2	2								1	1
Simcoe .....				13	12	25				12	11	23	1		1
Stormont .....				55	48	103				111	73	184	4	4	8
Thunder Bay Dis- trict .....				1		1							1		1
Victoria .....				5	13	18				5	12	17	1		1
Waterloo .....				12	4	16				12	4	16	1		1
Welland .....				6	5	11				6	5	11		1	1
Wellington .....				6	4	10				4	4	8			
Wentworth .....		1	1	17	21	38		1	1	14	13	27	3	3	6
York .....				45	64	109				35	50	85	6	4	10
Unascertained .....				203	48	251				27	7	34	1	1	2
New Brunswick...					1	1									
Quebec .....				1		1									
Total .....	48	60	108	2,458	2,132	4,590	5	3	8	1,311	898	2,209	297	262	559

TABLE No. 6—KINGSTON.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....	6	12	18	.....	.....	.....	.....
Mental Strain, Worry and Overwork (not included in above).....	8	8	16	.....	.....	.....	.....
Religious Excitement .....	3	1	4	.....	.....	.....	.....
Love Affairs, including seduction.....	.....	1	1	.....	.....	.....	.....
Fright and Nervous Shock.....	.....	.....	.....	.....	.....	.....	.....
PHYSICAL.							
Alcoholism .....	10	4	14	2	2	4	.....
Sexual Excess .....	.....	.....	5	.....	.....	.....	.....
Venereal Diseases .....	5	.....	5	.....	.....	.....	.....
Masturbation .....	.....	.....	.....	.....	.....	.....	.....
Insolation .....	2	.....	2	.....	.....	.....	.....
Accident or Injury .....	.....	.....	.....	.....	.....	.....	.....
Pregnancy .....	.....	3	3	.....	.....	.....	.....
Parturition and Puerperium.....	.....	3	3	.....	.....	.....	.....
Lactation .....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period .....	.....	1	1	.....	.....	.....	.....
Fevers .....	.....	.....	.....	.....	.....	.....	.....
Privation and Overwork.....	.....	2	2	.....	.....	.....	.....
Epilepsy .....	1	4	5	.....	.....	.....	.....
Other Convulsive Diseases.....	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull.....	.....	.....	.....	.....	.....	.....	.....
Senility .....	3	2	5	.....	.....	.....	.....
Exophthalmic Goitre .....	.....	1	1	.....	.....	.....	.....
Epidemic Influenza .....	1	.....	1	.....	.....	.....	.....
Abuse of Drugs.....	2	.....	2	.....	.....	.....	.....
Loss of Special Sense.....	.....	.....	.....	.....	.....	.....	.....
Uræmia .....	1	.....	1	.....	.....	.....	.....
Other Auto-infection .....	1	.....	1	.....	.....	.....	.....
Other Bodily Diseases.....	2	6	8	2	2	4	.....
HEREDITARY.							
Congenital Defect .....	.....	1	1	9	20	29	.....
Unascertained .....	3	11	14	35	36	71	.....
Not Insane .....	.....	.....	.....	.....	.....	.....	.....
Totals .....	48	60	108	48	60	108	.....





Nurses' Home, Kingston,





TABLE No. 7—KINGSTON.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during year.			Since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch.....	3	5	8	33	34	67
Maternal Branch .....	4	8	12	33	30	63
Paternal and Maternal Branches .....	1	.....	1	8	5	13
Collateral Branches.....	1	7	8	22	21	43
No Hereditary Tendency .....	1	2	3	21	16	37
Unascertained.....	38	38	76	115	93	208
Totals .....	48	60	108	232	199	431

TABLE No. 8—KINGSTON.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number granted Discharge.....	15	37	52
Discharged, Recovered.....	6	26	32
“ Improved.....	3	3	6
“ Unimproved .....	1	.....	1
Transferred to Brockville Asylum.....	.....	1	1
Died .....	.....	1	1
Returned to Hospital .....	4	4	8
Absent on Probation on Oct. 31st, 1911.....	1	2	3

TABLE No. 9—KINGSTON.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Jan. 1st, 1908.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever .....				1	1	2
Influenza .....						
Cerebro-spinal Meningitis .....						
Diphtheria .....						
Erysipelas .....						
Septicæmia .....	1		1	2		2
Dysentery .....					1	1
Syphilis .....	1		1	2		2
Tuberculosis .....	10	4	14	15	11	26
Constitutional Diseases:—						
Rheumatism .....						
Arthritis Deformans .....						
Diabetes Mellitus .....						
Diseases of the Digestive System:—						
Mouth, salivary glands.....						
Pharynx .....						
Tonsils .....						
Œsophagus .....						
Diseases of the Intestines:—						
Diseases of the Liver.....		1	1		1	1
Diseases of the Pancreas.....						
Diseases of the Peritoneum.....				3		3
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx.						
“ “ Bronchi .....						
“ “ Lungs .....	5	4	9	11	7	18
“ “ Pleura .....						
Diseases of the Circulatory System:—						
Diseases of the Pericardium .....						
“ “ Heart .....	4	3	7	9	9	18
Arterio-sclerosis .....				4	1	5
Aneurism .....	1		1	1		1
Diseases of the Blood and Ductless Glands:—						
Anæmia .....						
Pernicious Anæmia .....						
Leukæmia .....						
Exophthalmic Goitre .....						
Diseases of the Genito-Urinary System		1	1	1	2	3
Carried Forward .....	22	13	35	49	34	83

TABLE No. 9—KINGSTON—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Jan. 1st, 1908.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	22	13	35	49	34	83
<b>Diseases of the Nervous System:—</b>						
Diseases of the Nerves.....						
“ “ Spinal Cord .....						
“ “ Meninges .....						
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions).....	1	2	3	6	7	13
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria) .....						
Epilepsy .....	1		1	1	1	2
<b>Mental Diseases:—</b>						
Exhaustion of Acute Mental Dis- ease .....	3		3	4		4
Exhaustion of Chronic Mental Dis- ease .....	1	1	2	1	3	4
General Paresis .....	4	1	5	9	1	10
<b>Intoxications:—</b>						
Alcoholism .....						
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age.....	2	3	5	5	3	8
Accident .....				3		3
Suicide .....				1		1
Surgical Diseases .....					1	1
Gynæcological Diseases .....						
Malignant New Growths, or Cancer....		2	2		3	3
Totals .....	34	22	56	79	53	132

TABLE No. 10—KINGSTON.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>Infection Psychoses:—</b>									
(a) Fever Delirium .....	1	1	2	1	1	2	1	1	2
(b) Infection Delirium .....	1	1	2	1	1	2	1	1	2
(c) Post Infection Psychoses .....	1	1	2	1	1	2	1	1	2
<b>Exhaustion Psychoses:—</b>									
(a) Collapsed Delirium .....	1	1	2	1	1	2	1	1	2
(b) Acute Confusional Psychoses .....	1	1	2	1	1	2	1	1	2
(c) Neurasthenia .....	1	1	2	1	1	2	1	1	2
<b>Intoxication Psychoses:—</b>									
(a) Acute Intoxications .....	1	2	3	1	1	2	1	1	2
(b) Chronic " .....	3	2	5	3	2	5	3	2	5
(a) Alcoholism (acute and chronic) ..	3	2	5	3	2	5	3	2	5
(b) Delirium Tremens .....	1	1	2	1	1	2	1	1	2
(c) Korsakow's Psychoses .....	1	1	2	1	1	2	1	1	2
(d) Acute Alcoholic Hallucinos. ....	5	5	10	6	6	12	1	1	2
(e) Alcoholic Hallucinatory Dementia.	1	1	2	1	1	2	1	1	2
(f) " Paranoia .....	1	1	2	1	1	2	1	1	2
(g) " Paresis .....	2	1	3	2	1	3	2	1	3
(h) Morphinism .....	2	1	3	2	1	3	2	1	3
(i) Cocainism .....	1	1	2	1	1	2	1	1	2
<b>Thyroïdogenic Psychoses:—</b>									
(a) Mixedematous Psychoses .....	1	1	2	1	1	2	1	1	2
(b) Cretinism .....	1	1	2	1	1	2	1	1	2
<b>Dementia Præcox:—</b>									
(a) Hebaphrenic .....	3	5	8	2	7	9	2	1	3
(b) Catatonic .....	1	5	6	1	1	2	3	3	6
(c) Paranoid .....	3	9	12	2	3	5	4	3	7
<b>General Paresis .....</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>5</b>
<b>Organic Dementias:—</b>									
(a) Cerebral Sclerosis .....	1	1	2	1	1	2	1	1	2
(b) Huntingdon's Chorea .....	1	1	2	1	1	2	1	1	2
(c) Multiple Sclerosis .....	1	1	2	1	1	2	1	1	2
(d) Cerebral Syphilis .....	1	1	2	1	1	2	1	1	2
(e) Tabetic Psychoses .....	1	1	2	1	1	2	1	1	2
(f) Arterio-sclerotic Psychoses .....	1	1	2	1	1	2	1	1	2
(g) Cerebral Tumor, Abscess, Hæmorrhage	1	1	2	1	1	2	1	1	2
<b>Involution Psychoses:—</b>									
(a) Melancholia .....	1	1	2	1	1	2	1	1	2
(b) Pre-senile Delusional Psychoses ..	1	1	2	1	1	2	1	1	2
(c) Senile Dementia .....	3	5	8	1	1	2	6	10	16
<b>Manic Depressive Psychoses:—</b>									
(a) Manic States .....	5	4	9	4	5	9	3	1	4
(b) Depressed States .....	9	16	25	4	19	23	5	1	6
(c) Mixed States .....	1	1	2	1	1	2	1	1	2
<i>Carried Forward .....</i>	<i>43</i>	<i>52</i>	<i>95</i>	<i>27</i>	<i>39</i>	<i>66</i>	<i>29</i>	<i>22</i>	<i>51</i>



TABLE No. 10—KINGSTON—Continued.

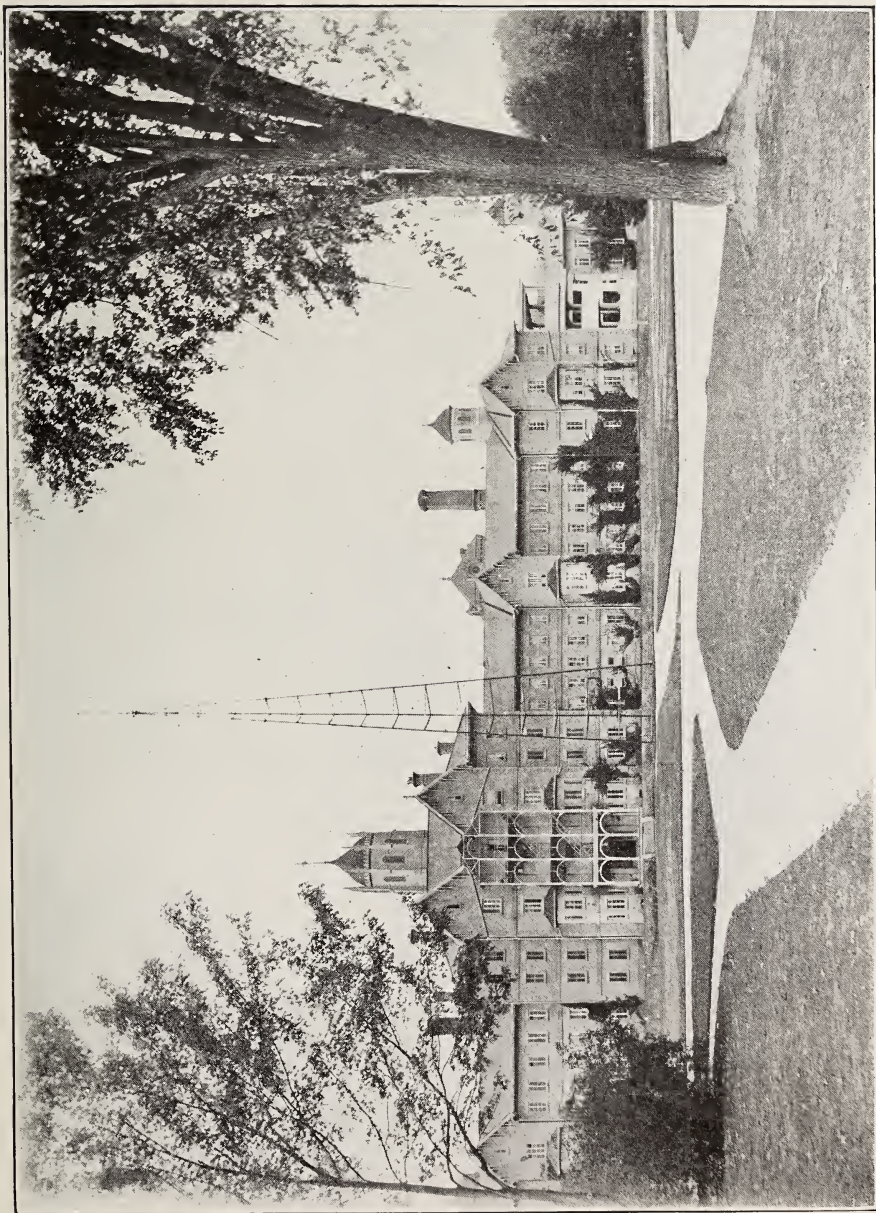
Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	43	52	95	27	39	66	29	22	51
Paranoia .....	3	....	3	....	....	....	....	....	....
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses .....	1	3	4	1	1	2	5	....	5
(b) Hysterical Psychoses .....	....	3	3	....	2	2	....	....	....
(c) Sexualis Psychopathia .....	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development:—									
(a) Imbecility .....	....	1	1	1	....	1	....	....	....
(b) Idiocy .....	....	....	....	....	....	....	....	....	....
Not Diagnosed .....	1	1	2	....	1	1	....	....	....
Not Insane .....	....	....	....	....	....	....	....	....	....
Totals .....	48	60	108	29	43	72	34	22	56

TABLE No. 11—KINGSTON.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1911.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	22	13	5	.....	1	5
From 1 to 2 months.....	12	4	10	1	.....	3
“ 2 “ 3 “ .....	7	6	2	.....	.....	3
“ 3 “ 4 “ .....	1	1	7	.....	.....	2
“ 4 “ 5 “ .....	4	7	3	.....	1	2
“ 5 “ 6 “ .....	....	1	3	.....	.....	....
“ 6 “ 9 “ .....	4	13	12	3	.....	1
“ 9 “ 12 “ .....	2	12	2	1	1	3
“ 12 “ 18 “ .....	8	24	3	2	.....	5
“ 18 months to 2 years .....	....	12	2	.....	.....	1
“ 2 to 3 years .....	3	33	3	.....	.....	2
“ 3 “ 4 “ .....	1	27	2	1	.....	....
“ 4 “ 5 “ .....	....	20	.....	2	.....	3
“ 5 “ 10 “ .....	3	103	5	.....	.....	9
“ 10 “ 15 “ .....	4	70	1	1	.....	5
“ 15 “ 20 “ .....	....	80	.....	.....	.....	3
From 20 years and upwards .....	2	133	.....	.....	.....	9
Not stated.....	35	.....	.....	.....	.....	.....
Totals .....	108	559	58	11	3	56





Main Building, London.

## HOSPITAL FOR THE INSANE, LONDON.

To C. R. W. POSTLETHWAITE, Esq., AND E. R. ROGERS, Esq.

*Inspectors of Prisons and Public Charities.**Toronto, Ontario.*

SIRS,—I have the honour to submit the Forty-first Annual Report of the Hospital for Insane, London, for the twelve months ending October 31st, 1911.

—	Males	Females	Total	Males	Females	Total
Capacity of Hospital .....	511	555	1,066			
In residence on October 31st, 1911 .....				529	565	1,094
Admitted during the year 1911 :						
By Warrant .....	32	9	41			
By Medical Certificate .....	70	86	156	102	95	197
Total number under treatment during year .....				631	660	1,291
Discharges during year :						
As recovered .....	43	42	85			
As improved .....	16	13	29			
As unimproved .....	4		4			
As not insane .....						
Total number discharged during year .....	63	55	118			
Died .....	30	44	74			
Deported .....	2		2			
Eloped .....	3		3			
Transferred .....				98	99	197
Remaining in Hospital, 1911 .....				533	561	1,094

It will be seen from the above table that the population of this Hospital has remained stationery during the year. We can almost venture to hope that for some time to come we will be able to care for all the insane population of our district without undue overcrowding. This would undoubtedly be true were it not for the large number of cases of senile dementia which we are continually being asked to admit. A careful effort is always made to award admission to those, who in our opinion, cannot properly be cared for at home.

The great work of this year is the installation of hydro electric power. The task of wiring all our buildings is a work of considerable magnitude and will not be completed until early in 1912.

A number of changes have occurred in our Medical Staff during the year. At the beginning of the year, Dr. Ross and Dr. Biggs came to us from Hamilton. In June Dr. Harris and Biggs resigned from the staff and the vacancies were filled by the transfer of Dr. Stead from Toronto Hospital for Insane and the appointment of Dr. McFarlane of London. These appointments have in all respects proved satisfactory and the work of the Institution has been continued with energy and enthusiasm.



## CURLING AND SKATING RINK.

The magnificent rink completed last year was a great source of enjoyment to both patients and employees during the winter months. Every morning and afternoon the ice was crowded with patients skating and in the evening with patients and employees skating and curling. It was a great pleasure to me to see many middle aged patients, who had not skated for years enjoying themselves on the ice.

## CANNING.

The small canning plant which was installed last year, again did good service in taking care of our very considerable surplus of fruit and vegetables. We have been enabled not only to provide for our own wants but also to send a considerable amount to the various sister institutions.

## FARM AND GARDEN.

Owing to the extremely dry weather of the past summer our farm and garden crops did not yield as abundantly as in the past. The good effect of spraying was again manifested in our orchard and we had a very abundant crop of apples of very fine quality.

The more important works completed during the year were the building of a new piggery, the remodelling of the horse stable and the renovating of the cold store in connection with the slaughter house. These have all been done in a very satisfactory manner and reflect credit on our various employees who did the work.

I have the honour to be,

Sirs,

Your obedient servant,

W. J. ROBINSON,

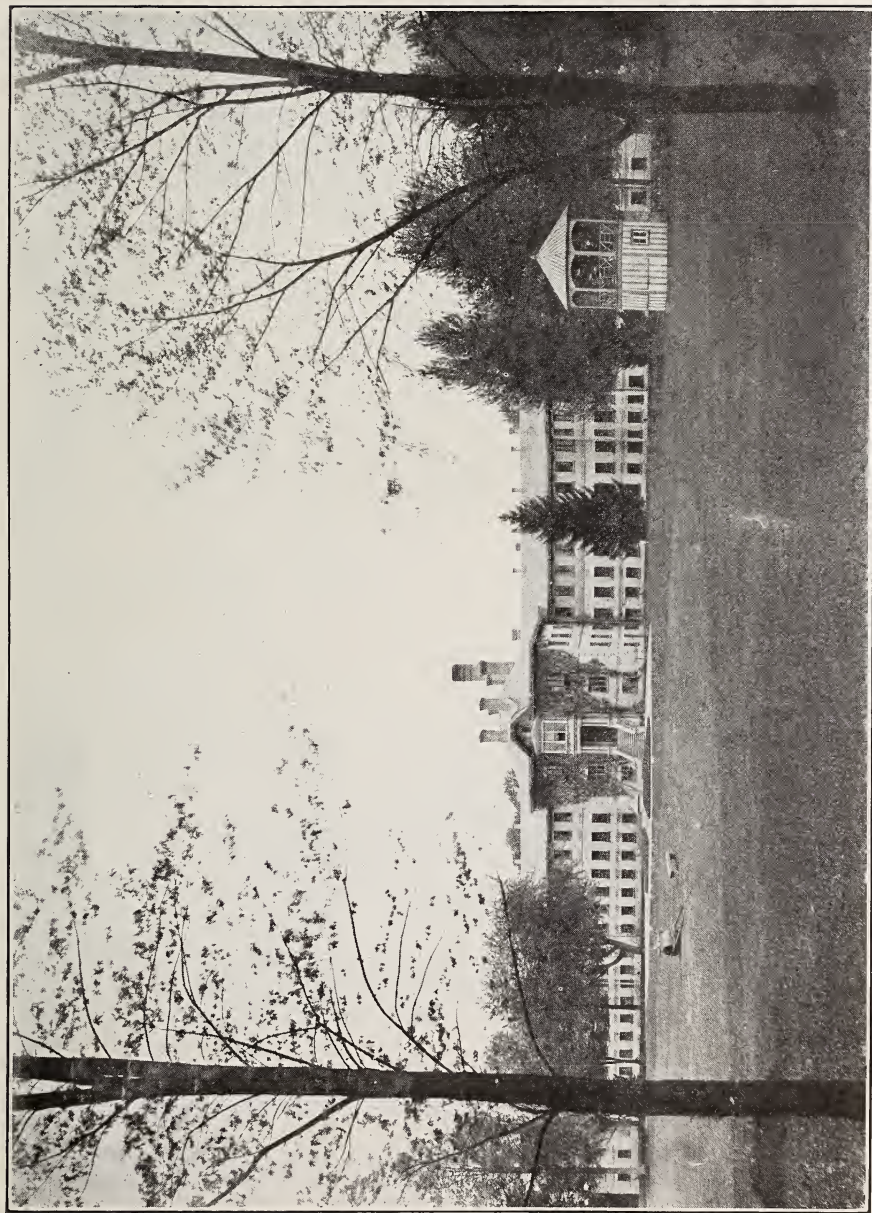
*Medical Superintendent.*

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, LONDON, FOR THE YEAR  
ENDING OCTOBER 31ST, 1911.

TABLE No. 1—LONDON.

Showing movements of patients in the Hospital for the official year ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	511	555	1,066			
In residence, October 31st, 1910 .....				529	565	1,094
Admitted during year 1911 :—						
By Warrant .....	29	13	42			
By Medical Certificate.....	73	82	155	102	95	197
Total number under treatment during year .....				631	660	1,291
Discharges during year:—						
As recovered .....	43	42	85			
“ improved .....	16	13	29			
“ unimproved .....	4	.....	4			
“ not insane .....	.....	.....	.....			
Total number discharged during year.	63	55	118			
Died .....	30	44	74			
Deported .....	2	.....	2			
Eloped .....	3	.....	3			
Transferred .....	.....	.....	.....	98	99	197
Remaining in Hospital, October 31st, 1911.....				533	561	1,094
Total number admitted since opening of Hospital .....				3,464	3,139	6,603
Total number discharged since opening of Hospital .....	1,456	1,375	2,831			
Total number died since opening of Hospital .....	1,105	943	2,048			
Total number deported since opening of Hospital .....	8	1	9			
Total number eloped since opening of Hospital .....	118	15	133			
Total number transferred since opening of Hospital .....	244	244	488	7,931	2,578	5,509
Total remaining in Hospital, October 31st, 1911.....				533	561	1,094
Daily average population .....	541.00	561.00	1,102.00			
Collective days' stay of all patients in residence during year .....	197,330	204,915	402,245			
Number of applications on fyle.....	22	13	35			



North Building and Recreation Grounds, London.





TABLE No. 2—LONDON.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.						
Single .....	46	39	85	1,941	1,607	3,148
Married .....	47	43	90	1,502	1,897	3,399
Widowed .....	8	13	21	19	35	54
Divorced .....	1	.....	1	2	.....	2
Separated .....	.....	.....	.....	.....	.....	.....
Unascertained .....	.....	.....	.....	.....	.....	.....
Totals .....	102	95	197	3,464	3,139	6,603
RELIGION.						
Baptists .....	6	10	16	245	250	495
Congregationalists .....	1	.....	1	30	24	54
Episcopalians .....	15	18	33	636	555	1,191
Methodists .....	26	23	49	817	844	1,661
Presbyterians .....	25	18	43	771	676	1,447
Roman Catholics .....	7	11	18	551	522	1,074
Other Denominations .....	4	.....	4	222	163	385
Unascertained .....	18	15	33	192	104	296
Totals .....	102	95	197	3,464	3,139	6,603

TABLE No. 3—LONDON.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	102	95	197	3,464	3,139	6,603
Total born in Canada .....	79	79	158	2,142	1,954	4,096
Armenia .....						
Assyria .....					1	1
Austria .....						
Australia .....						
Belgium .....						
Bulgaria .....						
Central America .....						
China .....				1		1
Denmark .....					2	2
England .....	10	5	15	450	336	786
France .....				3	3	6
Finland .....						
Galicia .....						
Germany .....	1		1	44	41	85
Greece .....						
Holland .....				1		1
Hungary .....						
Ireland .....	5	7	12	356	419	775
Italy .....				2	3	5
Japan .....						
Macedonia .....						
Other British Possessions .....				6	2	8
Norway .....						
Roumania .....						
Russia .....				1	3	4
Scotland .....	4	2	6	260	211	471
South America .....						
Spain .....						
Sweden .....				6		6
Turkey .....				5		5
United States .....	3	2	5	109	94	203
West Indies .....				2	1	3
Unascertained .....				76	69	145
Totals .....	102	95	197	1,322	1,185	2,507



Hospital, London.

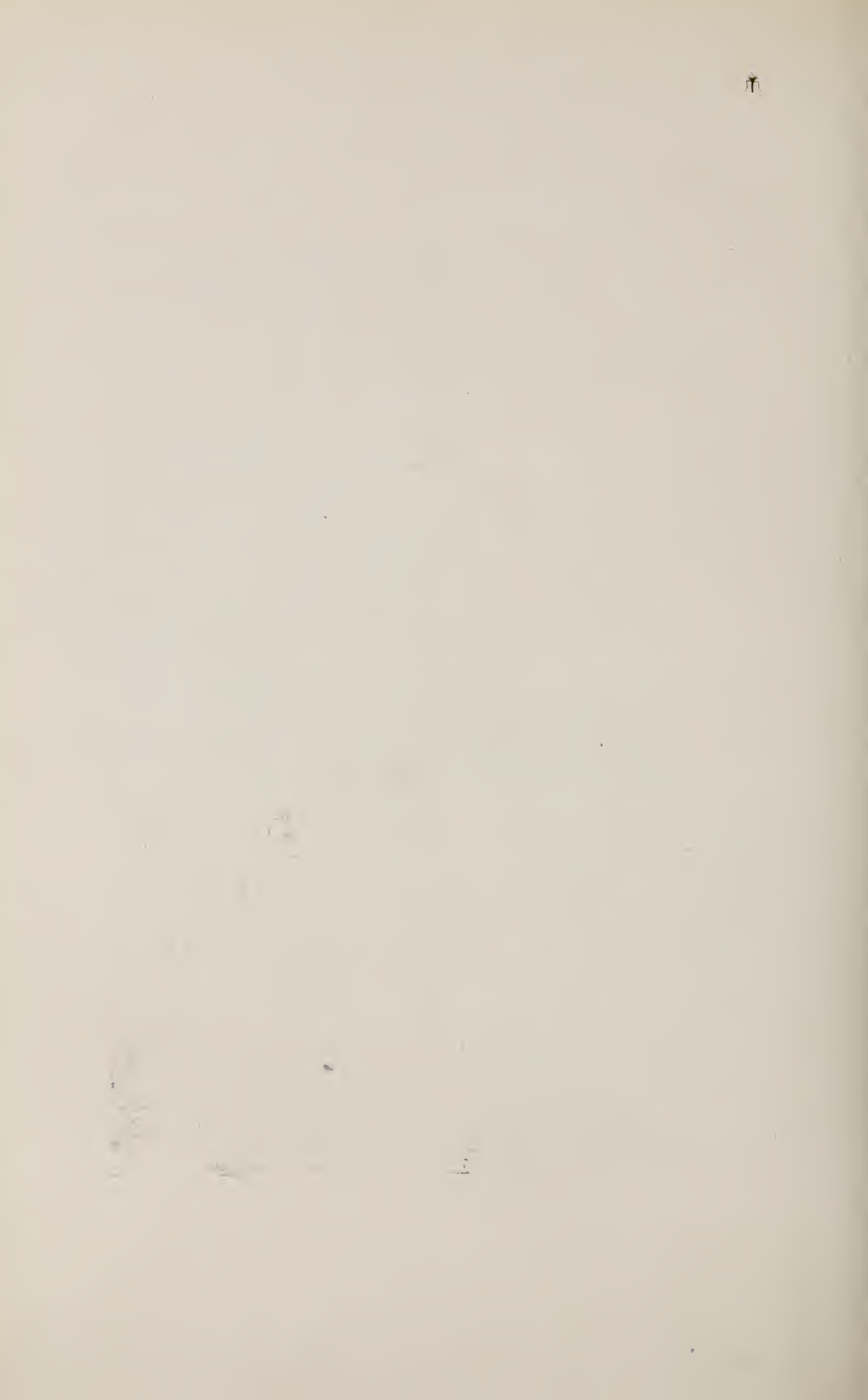




TABLE No. 4—LONDON.

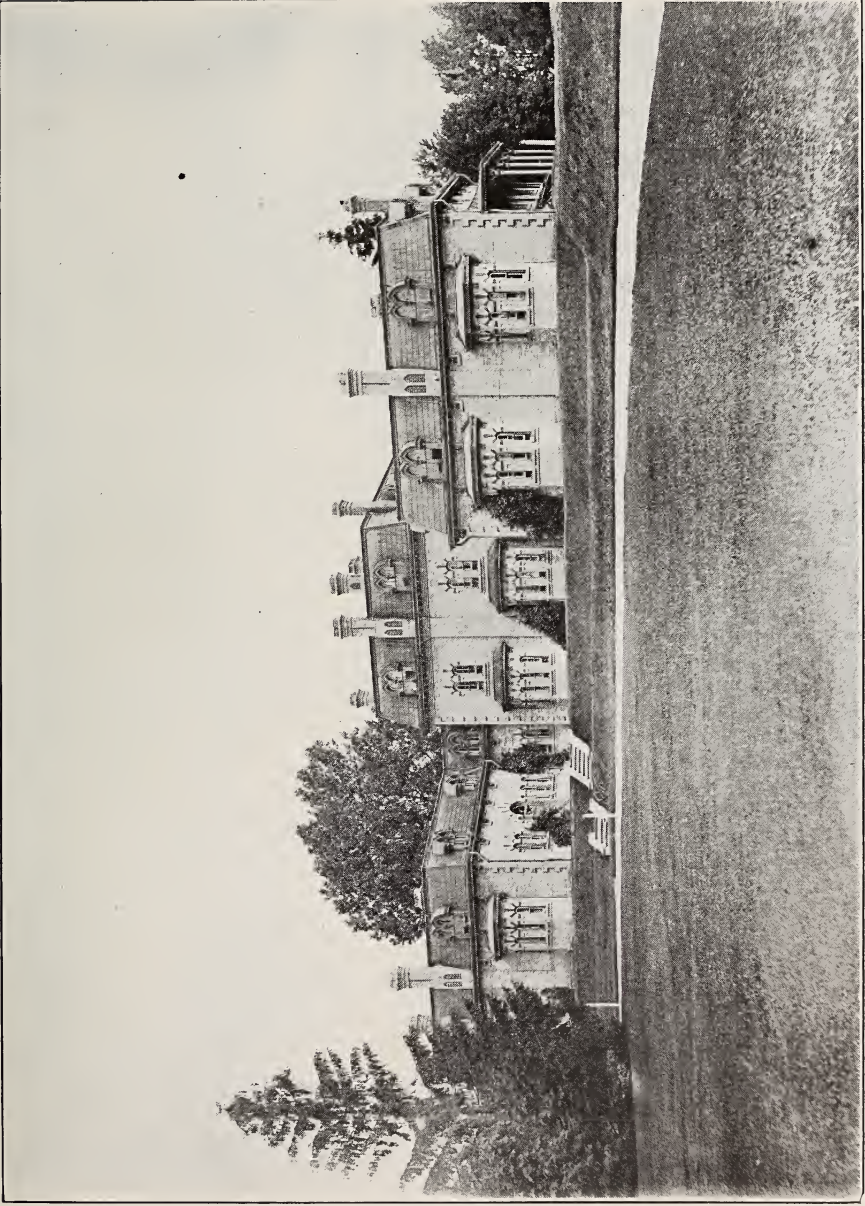
Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:—						
Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engin- eers, Surveyors, etc.....	2	.....	2	57	25	82
Commercial:—						
Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.....	6	1	7	262	25	287
Agricultural and Pastoral:—						
Farmers, Gardeners, Stock Men, etc.	41	.....	41	1,366	121	1,487
Mechanics at Outdoor Vocations:—						
Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc. ....	17	.....	17	264	.....	264
Mechanics, etc., at Sedentary Voca- tions:—						
Shoemakers, Bookbinders, Com- positors, Weavers, Tailors, Seam- stresses, Bakers, Factory Work- ers, etc. ....	9	1	10	277	109	386
Domestic Service:—						
Waiters, Cooks, Servants, etc.....	.....	15	15	19	452	471
Education and Higher Domestic Duties: Governesses, Teachers, Students, Housekeepers, Nurses, etc.....	.....	75	75	47	1,877	1,924
Miners, Marine Engineers, Railway Employees, Seamen, etc.....	4	.....	4	48	.....	48
Laborers .....	20	.....	20	872	1	873
No Occupation .....	3	3	6	66	183	249
Unascertained .....	.....	.....	.....	186	346	532
Totals .....	102	95	197	3,464	3,139	6,603

TABLE No. 5—LONDON.

Showing the Counties and Districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District ..	...	...	...	9	7	16	...	...	...	8	2	10	1	...	1
Brant .....	...	...	...	38	35	73	...	...	...	20	11	31	1	3	4
Bruce .....	7	8	15	254	205	459	4	1	5	131	71	202	53	48	101
Carleton .....	...	...	...	4	7	11	...	...	...	...	2	2	...	...	...
Dufferin .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dundas .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Durham .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Elgin .....	10	10	20	236	234	470	2	3	5	69	26	95	40	47	87
Essex .....	9	2	11	229	196	425	2	...	2	91	54	145	44	47	91
Frontenac .....	...	...	...	5	8	13	...	...	...	...	1	1	...	...	...
Glengarry .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grenville .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grey .....	3	1	4	17	19	36	...	...	...	9	9	18	4	4	8
Haldimand .....	...	...	...	22	24	46	...	...	...	11	3	14	...	...	...
Halton .....	...	...	...	10	7	17	...	...	...	7	3	10	...	1	1
Hastings .....	...	...	...	5	9	14	...	...	...	2	5	7	...	1	1
Huron .....	8	8	16	329	322	661	1	3	4	126	74	200	58	59	117
Kent .....	6	5	11	236	245	481	1	1	2	73	40	113	45	40	85
Lambton .....	12	10	22	374	273	647	4	1	5	182	58	240	53	42	95
Lanark .....	...	...	...	3	3	6	...	...	...	...	1	1	...	...	...
Leeds .....	...	...	...	...	5	5	...	...	...	...	...	...	...	...	...
Lennox and Addington .....	...	...	...	3	1	4	...	...	...	1	...	1	...	...	...
Lincoln .....	...	...	...	11	6	17	...	...	...	8	1	9	...	...	...
Middlesex .....	22	35	52	836	828	1,664	9	3	12	250	151	401	129	162	291
Muskoka District .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nipissing District .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Norfolk .....	...	...	...	34	37	71	...	...	...	23	13	36	...	...	...
Northumberland .....	...	...	...	15	10	25	...	...	...	4	2	6	...	...	...
Ontario .....	...	...	...	6	13	19	...	...	...	1	7	8	1	...	1
Oxford .....	11	5	16	292	214	506	3	...	3	139	41	180	38	49	87
Parry Sound District .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peel .....	...	...	...	4	6	10	...	...	...	3	5	8	...	...	...
Perth .....	9	10	19	287	229	516	2	1	3	128	57	185	53	37	90
Peterborough .....	...	...	...	1	6	7	...	...	...	1	6	7	...	...	...
Prescott .....	...	...	...	2	3	5	...	...	...	1	1	2	...	...	...
Prince Edward .....	...	...	...	1	1	2	...	...	...	...	1	1	...	1	1
Rainy River District .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Renfrew .....	...	...	...	13	21	34	...	...	...	...	...	...	...	...	...
Russell .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simcoe .....	...	...	...	6	6	12	...	...	...	5	6	11	...	3	3
Stormont .....	...	...	...	12	14	26	...	...	...	1	...	1	...	...	...
Thunder Bay District .....	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1
Victoria .....	...	...	...	33	22	55	...	...	...	9	9	18	...	...	...
Waterloo .....	...	...	...	8	7	15	...	...	...	7	7	14	2	2	4
Welland .....	...	...	...	20	16	36	...	...	...	3	5	8	...	...	...
Wellington .....	2	...	2	18	24	42	...	...	...	14	11	25	3	1	4
Wentworth .....	...	...	...	46	48	94	...	...	...	6	9	15	2	2	4
York .....	2	...	2	30	24	54	1	...	1	30	31	61	3	10	13
Unascertained .....	1	1	2	5	3	8	...	...	...	1	...	1	2	1	3
Total .....	102	95	197	3,464	3,139	6,603	29	13	42	1,364	723	2,087	533	561	1094



South Cottage, London.





TABLE No. 6—LONDON.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....	4	7	11	4	5	9	.....
Mental Strain, Worry and Overwork (not included in above).....	13	16	29	11	11	22	.....
Religious Excitement.....	1	2	3	1	2	3	.....
Love Affairs (including seduction).....	.....	1	1	.....	.....	.....	.....
Fright and Nervous Shock.....	.....	.....	.....	.....	.....	.....	.....
PHYSICAL.							
Alcoholism .....	2	.....	2	2	.....	2	.....
Sexual Excess .....	.....	.....	.....	.....	.....	.....	.....
Venereal Diseases .....	13	1	14	8	.....	8	.....
Masturbation .....	.....	.....	.....	.....	.....	.....	.....
Insolation .....	2	.....	2	2	.....	2	.....
Accident or Injury .....	.....	.....	.....	.....	.....	.....	.....
Pregnancy.....	.....	.....	.....	.....	.....	.....	.....
Parturition and Puerperium .....	.....	2	2	.....	.....	.....	.....
Lactation .....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period.....	.....	4	4	.....	2	2	.....
Fevers .....	.....	1	1	.....	.....	.....	.....
Privation and Overwork.....	.....	.....	.....	.....	.....	.....	.....
Epilepsy .....	1	1	2	1	.....	1	.....
Other Convulsive Diseases.....	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull.....	1	.....	1	.....	.....	.....	.....
Senility .....	6	8	14	5	6	11	.....
Exophthalmic Goitre .....	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza.....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs .....	1	.....	1	1	.....	1	.....
Loss of Special Sense.....	.....	.....	.....	.....	.....	.....	.....
Uræmia .....	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection .....	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases.....	.....	1	1	.....	1	1	.....
HEREDITARY.							
Congenital Defect .....	4	6	10	4	5	10	.....
Unascertained .....	54	45	99	63	62	125	.....
Not Insane .....	.....	.....	.....	.....	.....	.....	.....
Totals.....	102	95	197	102	95	197	.....

TABLE No. 7—LONDON.

Showing hereditary tendency to insanity in patients admitted during the year  
and since the opening of the Hospital.

	Admitted during year.			Since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch.....	9	9	18	64	65	129
Maternal Branch .....	10	13	23	71	87	158
Paternal and Maternal Branches .....	1	3	4	17	20	37
Collateral Branches.....	19	8	27	220	169	389
No Hereditary Tendency .....	51	47	98	552	559	1,111
Unascertained.....	12	15	27	170	166	336
Totals.....	102	95	197	1,094	1,066	2,160

TABLE No. 8—LONDON.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharges .....	66	57	123
Discharged, Recovered, while on Probation .....	34	36	70
“ Improved “ “ “ .....	11	7	18
“ Unimproved “ “ “ .....			
Died, while on Probation .....			
Returned to Hospital.....	11	10	21
Absent on Probation on Oct. 31st, 1911.....	10	4	14
	66	57	123

TABLE No. 9—LONDON.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases :—						
Typhoid Fever.....				5	3	8
Influenza.....				3	1	4
Cerebro-spinal Meningitis.....					1	1
Diphtheria.....						
Erysipelas.....		2	2	7	8	15
Septicæmia.....		1	1	8	5	13
Dysentery.....	1		1	51	66	117
Syphilis.....				1	1	2
Tuberculosis.....	8	8	16	149	191	340
Constitutional Diseases :—						
Rheumatism.....				1	1	2
Arthritis Deformans.....				1	1	2
Diabetes Mellitus.....				6	2	8
Diseases of the Digestive System :—						
Mouth, salivary glands.....						
Pharynx.....						
Tonsils.....						
Œsophagus.....						
Diseases of the Intestinus :—						
Diseases of the Liver.....				10	14	24
Diseases of the Pancreas.....						
Diseases of the Peritoneum.....		3	3	26	20	46
Diseases of the Respiratory System :—						
Diseases of the Nose and Larynx.....						
“ “ Bronchi.....	1		1	19	12	31
“ “ Lungs.....	2	4	6	53	46	99
“ “ Pleura.....				5	1	6
Diseases of the Circulatory System :—						
Diseases of the Pericardium.....					1	1
“ “ Heart.....	5	2	7	68	76	144
Arterio-sclerosis.....		1	1	2	3	5
Aneurism.....				4	1	5
Diseases of the Blood and Ductless Glands :—						
Anæmia.....				2	1	3
Pernicious Anæmia.....				1		1
Leucæmia.....				1		1
Exophthalmic Goitre.....				1	1	2
Diseases of the Genito-Urinary System.....		2	2	9	4	13
<i>Carried Forward</i> .....	17	23	40	433	460	893

TABLE No. 9—LONDON—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Brought Forward</b> .....	17	23	40	433	460	893
Diseases of the Nervous System:—						
Diseases of the Nerves.....				5	5	10
“ “ Spinal Cord .....		1	1	.....	1	1
“ “ Meninges.....				11	7	18
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage and other gross lesions) .....	3	4	7	77	51	128
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria).....				27	10	37
Epilepsy .....	4	2	6	107	70	177
Mental Diseases:—						
Exhaustion of Acute Mental Dis- ease.....		1	1	77	62	139
Exhaustion of Chronic Mental Dis- ease).....	1	2	3	60	56	116
General Paresis.....	2	2	4	101	14	115
Intoxications:—						
Alcoholism .....						
Morphinism .....						
Metallic Poisoning.....						
Heat Stroke .....						
Debility of Old Age .....	3	8	11	176	160	336
Accident .....				7	6	13
Suicide.....				10	8	18
Surgical Diseases.....				2	4	6
Gynæcological Diseases.....						
Malignant New Growths, or Cancer .....		1	1	12	29	41
Totals .....	30	44	74	1,105	943	2,048



TABLE No. 10—LONDON.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses :—									
(a) Fever Delirium .....									
(b) Infection Delirium .....		3	3		1	1		3	3
(c) Post Infection Psychoses .....									
Exhaustion Psychoses :—									
(a) Collapsed Delirium .....									
(b) Acute Confusional Psychoses .....		2	2					1	1
(c) Neurasthenia .....									
Intoxication Psychoses :—									
(a) Acute Intoxications .....									
(b) Chronic .....									
(a) Alcoholism (acute and chronic) .....									
(b) Delirium Tremens .....									
(c) Korsakow's Psychoses .....	1		1	1		1			
(d) Acute Alcoholic Hallucinosiis .....									
(e) Alcoholic Hallucinatory Dementia .....									
(f) " Paronia .....									
(g) " Paresis .....									
(h) Morphinism .....		1	1		1	1			
(i) Cocainism .....									
Thyroigenous Psychoses :—									
(a) Mixedematous Psychoses .....									
(b) Cretinism .....									
Dementia Præcox :—									
(a) Hebaphrenic .....	18	20	38	15	15	30	6	5	11
(b) Catatonic .....	10	12	22	7	8	15	4	7	11
(c) Paranoid .....	9	12	21	8	4	12	....	3	3
General Paresis .....	13	1	14	2	1	3	3	3	6
Organic Dementias :—									
(a) Cerebral Sclerosis .....									
(b) Huntingdon's Chorea .....		1	1						
(c) Multiple Sclerosis .....									
(d) Cerebral Syphilis .....									
(e) Tabetic Psychoses .....									
(f) Arterio Sclerotic Psychoses .....									
(g) Cerebral Tumor, Abscess, Hæmorrhage..	1	....	1						
Involution Psychoses :—									
(a) Melancholia .....	6	8	14	5	7	12	1	4	5
(b) Pre-senile Delusional Psychoses .....	9	9	18	2	1	3	2	8	10
(c) Senile Dementia .....	9	12	21	5	....	5	7	8	15
Manic Depressive Psychoses :—									
(a) Manic States .....	7	8	15	7	12	19	....		
(b) Depressed States .....	6	....	6	2	2	4	....		
(c) Mixed States .....	1	....	1						
<i>Carried Forward</i> .....	90	89	179	54	52	106	23	42	65

TABLE No. 10—LONDON—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	90	89	179	54	52	106	23	42	65
Paranoia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses .....	1	1	2	2	2	4	3	1	4
(b) Hysterical Psychoses .....	1	.....	1	.....	.....	.....	.....	.....	.....
(c) Sexualis Psychopathia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
States of Deficient Mental Development:—									
(a) Imbecility .....	7	5	12	6	1	7	4	1	5
(b) Idiocy .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Not Diagnosed .....	2	.....	2	.....	.....	.....	.....	.....	.....
Not Insane .....	1	.....	1	1	.....	1	.....	.....	.....
Totals .....	102	95	197	63	55	118	30	44	74

TABLE No. 11—LONDON.

Periods.		Alleged duration of insanity prior to admission.	Length of resi- dence of those remaining in Hospital on Oct. 31st, 1911.	Periods of treat- ment of those who were dis- charged recover- ed during the year.	Periods of treat- ment of those who were dis- charged im- proved during the year.	Periods of treat- ment of those who were dis- charged unim- proved during the year.	Periods of treat- ment of those who died during the year.
Under 1 month .....	18	15	2	1	1	4	
From 1 to 2 months .....	26	16	4	.....	.....	1	
“ 2 “ 3 “ .....	22	10	9	3	.....	3	
“ 3 “ 4 “ .....	14	12	11	1	.....	2	
“ 4 “ 5 “ .....	11	14	10	.....	2	2	
“ 5 “ 6 “ .....	8	9	9	3	.....	1	
“ 6 “ 9 “ .....	12	27	19	2	.....	5	
“ 9 “ 12 “ .....	15	24	7	3	1	1	
“ 12 “ 18 “ .....	22	44	7	5	.....	6	
“ 18 months to 2 years..	5	40	1	1	.....	4	
“ 2 to 3 years .....	12	56	2	2	.....	3	
“ 3 “ 4 “ .....	11	63	1	3	.....	5	
“ 4 “ 5 “ .....	6	59	.....	2	.....	5	
“ 5 “ 10 “ .....	8	237	2	1	.....	8	
“ 10 “ 15 “ .....	4	134	1	1	.....	7	
“ 15 “ 20 “ .....	1	121	.....	.....	.....	5	
“ 20 years and upwards	2	213	.....	1	.....	12	
Totals .....	197	1,094	85	29	4	74	

## HOSPITAL FOR INSANE, MIMICO.

ANNUAL REPORT OF MEDICAL SUPERINTENDENT FOR YEAR ENDING  
OCTOBER 31ST, 1911.

To C. POSTLETHWAITE, ESQ., AND EDWIN R. ROGERS, ESQ.,

*Inspectors for Hospitals for Insane, Toronto Ontario.*

SIRS,—In accordance with the requirements of the Statute, I have the honour to enclose herewith the Seventeenth Annual Report of this Hospital for the year ending October 31st, 1911.

----	Male.	Female.	Total.	Male.	Female.	Total.
There were in residence on October 31st, 1910 .....				300	302	602
Admitted during the year by Warrant...	36	20	56			
Admitted during the year by Certificate .	28	46	74			
Total admitted during the year .....				64	66	130
Total number under treatment during year .....				364	368	732
Discharged during the year recovered....	18	28	46			
Discharged during the year improved....	5	8	13			
Discharged during the year unimproved .		1	1			
Discharged during the year deported ....	2		2			
Total discharged during the year .....	25	37	62			
Number died during the year.....	15	20	35			
Number eloped during the year .....						
Number transferred during the year ....	4	16	20			
Total number leaving the institution during year .....				44	73	117
Total number remaining in Hospital on October 31st, 1911.....				320	295	615

## ADMISSIONS.

During the past year there were admitted to this Institution one hundred and thirty patients, sixty-four men and sixty-six women. Of this number sixty-one were single and sixty-nine had been married, although seventeen of these had lost their helpmates. Of the sixty-one single persons admitted forty-three were men and eighteen were women; while of the sixty-nine married persons admitted twenty-one were men and forty-eight were women. Among the men an hereditary tendency could be traced in thirteen cases and among the women it was found to exist in fourteen cases, amounting in all to about twenty per cent. of the total number of admissions. Loss of friends, business troubles, mental strain, worry, privation and over-work accounted for thirty-five cases, seventeen of these being men and eighteen being women. Of the total number admitted forty-one were reported to have been ill for a period less than two months prior to admission, while forty-seven had already entered their chronic list, having been ill for more than a year before they were brought to the Hospital for treatment.

## DISCHARGES.

Sixty patients were discharged during the past year, twenty-three men and thirty-seven women: also two were sent back to the Old Land through the agency of the Emigration Department, having been residents of this country less than two years. Of this number twenty-eight had been under treatment for a period less than twelve months; the remaining thirty-two had been under treatment during a much longer period, three of these thirty-two having been in residence for ten years and one woman and one man had the distinction of being residents for the unusually long period of twenty-one years.

Ninety patients went home with their friends on probation during the year, forty men and fifty women. Of course the majority of the sixty who were discharged were originally allowed home on probation and after their improved condition had been demonstrated as established by their residence at home they were ultimately discharged and their names written off the books of the Institution at the expiration of their term of probation. The statutory provision for allowing patients to return to their homes on trial is indeed a merciful one as it encourages both the patients and their friends to exercise all their available self-command and self control in order that the regular report to the medical superintendent during the term of probation may be as favorable as possible. Good habits are thus formed by the patients and consideration and forbearance are cultivated by the relatives so that the way is made easy for a higher degree of domestic harmony and happiness in the home circle. By the time the probational term has finally expired and unrestricted liberty has again been restored to the patient the lesson of moderation and self-control has been so thoroughly incorporated in his habits that he will generally continue to live a healthful and better life with longer hours of rest and less indulgences in excesses than at any period before the illness. Of the total number who were allowed home during the year on probation only nineteen were brought back to the Institution, but since their return several of this latter number have again been permitted another trial at home.

## DEATHS.

During the past year thirty-five deaths occurred at this place, fifteen men and twenty women. Six of the foregoing number died between the ages of fifty and sixty, ten between sixty and seventy, five between seventy and eighty, three between eighty and ninety, and one woman died at the age of one hundred years. The causes of death varied greatly, though none were especially prominent. After senility and enfeeblement from old age, which accounted for a considerable number, diseases of the pulmonary and digestive systems were found largely contributory.

## COVERING SUBWAYS.

The work of covering the subways was completed during the past year by continuing the section southward from the Centre Building and proceeding along the north of Cottages 3, 4, and 5. The mortar used for holding the brown stone facing in the walls of these subways had not been made of cement when they were originally constructed and in consequence of the action of the rains and frosts the brown stones in large sections of these walls had fallen down so that the mason



had practically to rebuild the walls before the tops of roofs could be covered with the cement. This whole reconstruction work on these subways connecting the cottages covering a period of three years has now been completed, and it is now in a condition to serve the purpose for which it was originally intended.

#### ADDITIONAL COAL VAULTS.

For many years extensive additions to the coal vaults have been contemplated, but until the past summer other pressing work prevented the undertaking. During the summer, excavations were made along the south-west angle of the carpenter shop and the walls of the new vaults were made of cement. The roof and driveway were made of steel and cement and with coal chutes situated at convenient distances from each other in the roof and driveway the unloading of future stores of coal into these vaults will be greatly facilitated. Next year it is to be hoped that the north-west angle of the carpenter shop may be dealt with in a similar manner so that adequate storing space under cover may be provided for the coal supply.

#### ALTERATIONS IN BOILER HOUSE.

During the past year one new high pressure boiler and one of this type formerly in use elsewhere have been placed in line with the regular battery, so that now for the first time since the addition was made to the boiler house five years ago, are all of the boilers located as was originally intended. The completion of this undertaking has involved an enormous amount of work and reconstruction by the Engineer's staff, but the plant is to-day better balanced and in better order than it has been since the opening of the Institution. The introduction of the vacuum system of distribution of steam referred to in last year's report has been found to be highly satisfactory and the cottages furthest removed from the boiler house are now sufficiently and comfortably heated. The incessant struggle for the efficient and economical equipment of the heating plant at this place has continued through many weary years and the engineer, Mr. Gourley, deserves the warmest commendation for his patient and indomitable application to this matter which is at last crowned by success.

#### VENTILATING DOORS.

For many years this subject of ventilating the dormitories had been a problem that had been unanswered for it had been impossible to provide for the security of the patients and at the same time to have a sufficient circulation of air in these large sleeping rooms. Last year by the adaptation of the principle illustrated by the summer doors of one of the modern club houses in Toronto, this problem of ventilation was solved and these dormitories are now always filled with fresh air by night as well as by day. Viscount Hill of the London County Council and Chairman of the Hospital Board who saw these doors first at this place was enthusiastic in his commendation of them and while suggesting that this device should be known as the "Ontario Ventilation Door" he entertained a lively hope that it would be largely adapted by the English Hospitals in the near future.

Besides affording large supplies of fresh air to the inmates of the dormitories they greatly facilitate the night attendants' supervision over the patients and make easy communication at any moment between any patient and the night nurse.

## TRAINING SCHOOL.

The interest by the nurses was well maintained in the Training School, and at the end of the season a good class went up for examination and all passed successfully. Of a class of twenty-two women, however, who attended the lectures only six are remaining in the service at the present time, and of eight who passed their examination most creditably only two at present are on the employee's list.

## GROUNDS EAST OF BRIDGE.

Until the past season since Avenue was laid out leading from the Administration Building to the Lake Shore Road and since the construction of the stone bridge crossing the ravine no serious attempt has been made to improve the grounds on the east side of this avenue and bridge. During this year, however, the gardener has been able to clear out the old creek bed and trim its margin and bring its course into conformity with the western portion and also to grade the space in the ravine itself and all the grounds on the eastern side of the Avenue. The whole appearance of this section of the grounds has in this way been greatly improved and in its present condition it can now be much better cared for than formerly.

## NEW ORCHARD.

Many of the old apple trees at this place have been gradually falling off in their yield, and almost every year several of these trees have become unprofitable and have been cut down. For several years the project of planting out a new orchard on the McNeil Farm has been under contemplation, and early last spring it was commenced. Mr. Hodgetts of the Fruit Branch of the Agricultural Department materially assisted the management in this undertaking by his knowledge of the productiveness of the local soils, the climatic conditions and the varieties of fruit trees best adapted to these conditions. One hundred and fifty apple trees and fifty each of pear, plum and cherry trees were carefully put in by the gardener and they have already made a very fair start during the summer. Small fruits were also added in the form of currants, gooseberries, raspberries and strawberries, and Mr. Hodgetts' advice upon the subject of determining the varieties of these small fruits suitable for this section was of the greatest consequence. Next year it is proposed to add considerably to the extent of the apple orchard as this kind of fruit grows luxuriously on this soil and enters largely into the patients' dietary during the fall and early winter.

## CHANGES AMONG EMPLOYEES.

There was a larger number of changes among the employees during the past year than during any similar period in the history of the Institution. One hundred and twenty men and women, seventy-one men and forty-nine women, for various reasons left the service; ninety-one resigned or were transferred; twenty-seven were dismissed and two died. Of those who were dismissed the largest number was made up of those whose offence was alcoholic intoxication; this comprised about one-third of the total number. The resignations were principally on account of the attraction of larger wages in other occupations or to a realization of individual

unsuitability for the nursing profession. The loss of so large a number of employees in the year and the instruction of their successors in their duties involved a degree of continued personal attention by the officers not easily estimated. The establishment of a Training School and a small increase in wages which were hoped to be corrective agencies have not so far proved to be so.

#### CHANGES IN MEDICAL OFFICERS.

This Hospital has been unfortunate during the past year in losing on two occasions its entire staff of assistant medical officers. On Nov. 1st, last, the Assistant Medical Superintendent, Doctor Clare, was transferred to the Toronto Hospital for the Insane, and Doctor McNaughton was promoted on the same day to the position of Assistant Medical Superintendent at the Brockville Hospital for the Insane. Doctor Rollins of the Orillia Hospital and Doctor Vrooman of the London Hospital for the Insane were appointed to fill these vacancies, and notwithstanding both these medical officers were devoted and efficient in the highest degree weeks and months necessarily elapsed before either of them could possibly become acquainted with all of the details of the work at this place. On July 1st, Dr. Vrooman who had by this time acquired a complete acquaintance with the local condition and who was then regarded as an experienced officer at this Hospital was transferred to the Toronto Hospital for Insane, and Doctor Wickware of Brockville was appointed to succeed him. On July 16th, by mischance, Doctor Rollins sustained a serious fracture of his left arm and was in consequence incapacitated for ward duty for several months. In this way by untoward circumstances the Hospital was practically deprived of the important services of the whole of the staff of assistant medical officers twice within eight months, a loss never before sustained by any of the Ontario Hospitals. That the work has gone on so well with these severe handicaps has been a high tribute to the devotion of the newly appointed assistant medical officers. It is impossible for me to commend too highly the unselfish and untiring application of each one of the above named officers.

#### LIVING OUT OF DOORS.

Fifteen years ago when extensive tree planting was undertaken on the ornamental grounds the hope was that some day when the trees had sufficiently matured, the patients at this hospital would be greatly benefited by living a large part of the time in the summer under the friendly shade of these trees, and during the last summer more than at any time since the opening of the Institution that hope has been realized. Every morning by nine o'clock and during a large part of the afternoon nearly all the patients about the cottages who were not engaged in work elsewhere were taken out by the attendants and nurses under the trees; each patient who was able to do so was instructed to take an easy chair and carry that chair to a convenient place under the shade of the trees and thus it happened that groups of patients corresponding to the various cottages in which they lived were permitted to enjoy the freedom of the grounds and the privilege of living out of doors under the trees. That so much comfort could be experienced by so large a number of patients has been of course the attainment of a most desirable object, but along with that comfort another very great end was attained, namely,

the more universal quiet and composure among the patients. There is perhaps no more powerful and reliable sedative for many insane patients than living out of doors; that so many patients have been able to enjoy this great good is a matter of satisfaction to the management and there is every probability that within the next few years increased facilities for living out of doors will be provided and they will probably extend to some carefully regulated arrangements for many of the sufferers to sleep out of doors during a portion of the year.

I have the honour to be,

Sirs,

Your obedient servant,

M. BEEMER.



ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, MIMICO, FOR THE YEAR  
ENDING 31st OCTOBER, 1911.

TABLE No. 1—MIMICO.

Showing movements of patients in the Hospital for the official year ending 31st October, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....	310	310	620			
In Residence 31st October, 1910 .....				300	302	602
Admitted during year 1910-11 :—						
By Warrant .....	36	20	56			
By Medical Certificate .....	28	46	74	64	66	130
Total number under treatment during year .....				364	368	732
Discharges during year :—						
As recovered .....	18	28	46			
“ improved .....	5	8	13			
“ unimproved .....		1	1			
“ not insane .....						
Total number discharged during year ...	23	37	60			
Died .....	15	20	35			
Deported .....	2		2			
Eloped .....						
Transferred .....	4	16	20	44	73	117
Remaining in Hospital 31st October, 1911 .....				320	295	615
Total number admitted since opening of Hospital .....				1,423	1,364	2,787
Total number discharged since opening of Hospital .....	425	420	845			
Total number died since opening of Hospital .....	387	366	753			
Total number deported since opening of Hospital .....	34	4	38			
Total number eloped since opening of Hospital .....	32	1	33			
Total number transferred since opening of Hospital .....	225	278	503	1,103	1,069	2,172
Total remaining in Hospital 31st October, 1911 .....				320	295	615
Daily average population .....	313.55	301.23	614.78			
Collective days' stay of all patients in residence during year .....	114,445	109,952	224,397			
Number of applications on file .....	76	23	99			

TABLE No. 2—MIMICO.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.						
Single.....	43	18	61	892	549	1,441
Married .....	16	36	52	519	792	1,311
Widowed .....	5	12	17	12	23	35
Divorced .....						
Separated .....						
Unascertained .....						
Totals.....	64	66	130	1,423	1,364	2,787
RELIGION.						
Baptists.....	2	1	3	45	62	107
Congregationalists .....				3	7	10
Episcopalians.....	13	18	31	276	297	573
Methodists .....	22	15	37	340	358	698
Presbyterians .....	10	13	23	274	263	537
Roman Catholics .....	12	18	30	335	283	618
Other Denominations.....	3	1	4	96	52	148
Unascertained .....	2		2	54	42	96
Totals.....	64	66	130	1,423	1,364	2,787

TABLE No. 3—MIMICO.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total admissions .....	64	66	130	1,423	1,364	2,787
Total born in Canada .....	47	48	95	941	915	1,856
Armenia .....						
Assyria .....						
Austria .....				6		6
Australia .....						
Belgium .....						
Bulgaria .....						
Central America .....						
China .....						
Denmark .....				1		1
England .....	7	8	15	165	139	304
France .....				4	1	5
Finland .....	1		1	11	4	15
Galacia .....						
Germany .....	1		1	16	7	23
Greece .....						
Holland .....						
Hungary .....					1	1
Ireland .....	2	1	3	143	178	321
Italy .....	2	1	3	10	1	11
Japan .....						
Macedonia .....				1		1
Other British Possessions .....				1	5	6
Norway .....	1		1	6	1	7
Roumania .....				1		1
Russia .....				10	2	12
Scotland .....	1	4	5	63	66	129
South America .....						
Spain .....					1	1
Sweden .....	1		1	6	7	13
Turkey .....						
United States .....	1	4	5	23	25	48
West Indies .....				2		2
Unascertained .....				13	11	24
Totals .....	64	66	130	1,423	1,364	2,787

TABLE No. 4—MIMICO.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc .....	2	.....	2	57	7	64
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc .....	4	1	5	117	15	132
Agricultural and Pastoral:— Farmers, Gardeners, Stock Men, etc.	19	.....	19	397	.....	397
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc .....	8	.....	8	140	2	142
Mechanics, etc., at Sedentary Vocations; Shoemakers, Bookbinders, Composi- tors, Weavers, Tailors, Seam- stresses, Bakers, Factory Workers, etc .....	2	3	5	91	45	136
Domestic Service:— Waiters, Cooks, Servants, etc.....	.....	6	6	7	197	204
Education and Higher Domestic Duties: Governesses, Teachers, Students, Housekeepers, Nurses, etc.....	.....	51	51	19	911	930
Miners, Marine Engineers, Railway Em- ployees, Seamen, etc .....	2	.....	2	29	.....	29
Laborers .....	24	.....	24	459	1	460
No Occupation .....	3	5	8	49	140	189
Unascertained .....	.....	.....	.....	58	46	104
Totals .....	64	66	130	1,423	1,364	2,787



TABLE No. 5—MIMICO.

Showing the Counties and Districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District ..		5	5	38	48	86	....	3	3	28	23	51	12	17	29
Brant .....				7	5	12	....			3	1	4	1	1	2
Bruce .....				3	3	6	....			2	1	3	....	....	....
Carleton .....				10	11	21	....			8	6	14	....	....	....
Dufferin .....				5	3	8	....			1	1	2	2	1	3
Dundas .....				3	5	8	....			2	3	5	....	....	....
Durham .....	1		1	12	18	30	....			6	8	14	4	3	7
Elgin .....				6	....	6	....			4	....	4	1	....	1
Essex .....				5	2	7	....			....	1	1	....	1	1
Frontenac .....				11	17	28	....			4	7	11	2	1	3
Glengarry .....				2	2	4	....			1	....	1	....	....	....
Grenville .....				4	6	10	....			2	3	5	....	....	....
Grey .....		1	1	19	14	33	....			12	7	19	4	6	10
Haldimand .....				1	1	2	....			....	....	1	1	....	2
Haliburton .....	1		1	3	1	4	....			1	1	2	1	1	2
Halton .....				6	10	16	....			1	2	3	....	3	3
Hastings .....				23	33	56	....			15	25	40	2	3	5
Huron .....				5	6	11	....			1	1	2	1	....	1
Kent .....				4	....	4	....			4	....	4	2	....	2
Lambton .....				5	5	10	....			4	3	7	1	1	2
Lanark .....				9	8	17	....			7	6	13	....	....	....
Leeds .....				1	3	4	....			1	2	3	....	....	....
Lennox and Ad- dington .....				4	5	9	....			3	5	8	....	....	....
Lincoln .....				1	1	2	....			....	....	....	1	....	1
Manitoulin .....				12	6	18	....			7	3	10	1	3	4
Middlesex .....				16	6	22	....			8	1	9	2	....	2
Muskoka District ..	5	1	6	45	33	78	3	....	3	23	11	34	10	5	15
Nipissing District ..	9	8	17	88	36	124	5	2	7	62	18	80	26	12	38
Norfolk .....				3	4	7	....			2	1	3	....	....	....
Northumberland ..				26	24	50	....			13	9	22	7	1	8
Ontario .....	4	8	12	98	129	227	2	3	5	49	34	83	14	28	42
Oxford .....				9	2	11	....			7	2	9	3	....	3
Parry Sound Dis- trict .....	2	4	6	40	25	65	1	3	4	27	15	42	11	11	22
Peel .....	6	2	8	70	68	138	2	....	2	31	23	54	17	15	32
Perth .....				9	2	11	....			4	....	4	4	....	4
Peterborough .....	4	10	14	91	121	212	2	....	2	54	33	87	27	36	63
Prescott .....				4	3	7	....			4	3	7	....	....	....
Prince Edward ..				2	6	8	....			2	2	4	....	1	1
Rainy River Dis- trict .....	1		1	24	15	39	1	....	1	20	12	32	7	6	13
Renfrew .....				4	5	9	....			4	3	7	....	....	....
Russell .....				3	1	4	....			3	....	3	....	....	....
Simcoe .....	6	8	14	189	163	352	2	....	2	68	33	101	43	22	65
Stormont .....				1	2	3	....			....	....	1	....	....	....
Thunder Bay Dis- trict .....				46	19	65	....	1	1	44	17	61	9	5	14
Victoria .....	8	7	15	108	109	217	6	2	8	72	31	103	28	34	62
Waterloo .....				5	2	7	....			3	1	4	1	....	1
Welland .....				2	2	4	....			2	2	4	1	....	1
Wellington .....	1		1	2	3	5	....			....	1	1	....	....	....
Wentworth .....				....	8	8	....			....	3	3	....	....	....
York .....	16	11	27	330	360	690	12	6	18	182	164	346	73	77	150
Unascertained ..				9	3	12	....			2	3	5	1	....	1
Totals .....	64	66	130	1,423	1,364	2,787	36	20	56	803	532	1,335	320	295	615

TABLE No. 6—MIMICO.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL							
Adverse Conditions (such as loss of friends, business troubles, etc).....	3	2	5	1	.....	1	4
Mental Strain, Worry and Overwork (not included in above).....	8	14	22	3	6	9	13
Religious Excitement.....	1	2	3	.....	1	1	2
Love Affairs, including seduction.....	.....	2	2	.....	.....	.....	2
Fright and Nervous Shock.....	.....	.....	.....	.....	.....	.....	.....
PHYSICAL.							
Alcoholism .....	7	.....	7	1	.....	1	6
Sexual Excess.....	1	.....	1	1	.....	1	.....
Venereal Diseases.....	1	.....	1	.....	.....	.....	1
Masturbation.....	5	.....	5	2	.....	2	3
Insolation .....	2	.....	2	1	.....	1	1
Accident or Injury .....	6	4	10	.....	1	1	9
Pregnancy.....	.....	2	2	.....	.....	.....	2
Parturition and Puerperium.....	.....	4	4	.....	.....	.....	4
Lactation.....	.....	4	4	.....	1	1	3
Climacteric Period.....	.....	6	6	.....	1	1	5
Fevers .....	1	.....	1	1	.....	.....	1
Privation and Overwork.....	6	2	8	1	.....	1	7
Epilepsy .....	2	3	5	.....	1	1	4
Other Convulsive Diseases.....	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull.....	.....	.....	.....	.....	.....	.....	.....
Senility.....	3	8	11	.....	.....	.....	11
Exophthalmic Goitre.....	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza.....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs.....	.....	1	1	.....	.....	.....	1
Loss of Special Sense.....	.....	.....	.....	.....	.....	.....	.....
Uraemia .....	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection.....	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases .....	1	2	3	.....	1	1	2
HEREDITARY.							
Congenital Defect .....	6	3	9	3	2	5	4
Unascertained .....	7	6	13	.....	.....	.....	13
Not Insane.....	4	1	5	.....	.....	.....	5
Totals.....	64	66	130	13	14	27	103

TABLE No. 7—MIMICO.

Showing hereditary tendency to insanity in patients admitted during the year.

	Admitted during year.		
	Male.	Female	Total.
Paternal Branch.....	1	3	4
Maternal Branch.....	4	.....	4
Paternal and Maternal Branches .....	2	4	6
Collateral Branches.....	6	7	13
No Hereditary Tendency .....	11	21	32
Unascertained .....	40	31	71
Total .....	64	66	130

TABLE No. 8—MIMICO.

Showing summary of Probational Discharges during the year.

	Male.	Female.	Total.
Number granted discharge .....	40	50	90
Discharged recovered.....	15	24	39
“ Improved .....	3	6	9
“ Unimproved .....	.....	1	1
Died .....	9	10	19
Returned to Hospital.....	13	9	22
Absent on probation on 31st October, 1911.....			

TABLE No. 9—MIMICO.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases —						
Typhoid Fever.....	1	.....	1	5	4	9
Influenza .....	.....	.....	.....	.....	2	2
Cerebro-spinal Meningitis .....	.....	.....	.....	.....	.....	.....
Diphtheria.....	.....	.....	.....	.....	.....	.....
Erysipelas .....	.....	.....	.....	2	2	4
Septicæmia.....	.....	.....	.....	4	3	7
Dysentery .....	.....	5	5	8	18	26
Syphilis.....	.....	.....	.....	.....	.....	.....
Tuberculosis .....	3	2	5	48	71	119
Constitutional Diseases :—						
Rheumatism .....	.....	.....	.....	1	.....	1
Arthritis Deformans .....	.....	.....	.....	3	4	7
Diabetes Mellitus .....	.....	.....	.....	.....	.....	.....
Diseases of the Digestive System :—						
Mouth, salivary glands.....	.....	.....	.....	.....	.....	.....
Pharynx .....	.....	.....	.....	.....	.....	.....
Tonsils.....	.....	.....	.....	.....	.....	.....
Œsophagus .....	.....	.....	.....	.....	.....	.....
Diseases of the Intestines :—						
Diseases of the Liver.....	.....	.....	.....	2	1	3
Diseases of the Pancreas .....	.....	.....	.....	1	1	2
Diseases of the Peritoneum .....	.....	1	1	6	6	12
Diseases of the Respiratory System :—						
Diseases of the Nose and Larynx....	.....	.....	.....	1	.....	1
Diseases of the Bronchi .....	.....	.....	.....	1	2	3
Diseases of the Lungs .....	.....	1	1	17	16	33
Diseases of the Pleura.....	1	.....	1	1	.....	1
Diseases of the Circulatory System :—						
Diseases of the Pericardium .....	.....	.....	.....	1	.....	1
Diseases of the Heart.....	1	3	4	30	35	65
Arterio-sclerosis .....	.....	.....	.....	1	3	4
Aneurism .....	.....	.....	.....	.....	1	1
Diseases of the Blood and Ductless Glands :—						
Anæmia .....	.....	1	1	6	7	13
Pericious Anæmia .....	.....	.....	.....	2	.....	2
Leukæmia.....	.....	.....	.....	.....	.....	.....
Exophthalmic Goitre.....	.....	.....	.....	.....	1	1
Diseases of the Genito-Urinary System..	.....	1	1	.....	1	1
<i>Carried Forward</i> .....	6	14	20	140	178	318



TABLE No. 9—MIMICO—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	6	14	20	140	178	318
Diseases of the Nervous System :—						
Diseases of the Nerves .....						
Diseases of the Spinal Cord .....				3	1	4
Diseases of the Meninges .....						
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thromboids, Hæmorrhage, and other gross lesions) .....	2	1	3	31	23	54
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria) .....	1		1	4	2	6
Epilepsy .....	1		1	56	12	68
Mental Diseases :—						
Exhaustion of Acute Mental Dis- ease .....				34	28	62
Exhaustion of Chronic Mental Dis- ease .....	2	2	4	35	28	63
General Paresis .....				25	11	36
Intoxications :—						
Alcoholism .....						
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age .....	3	2	5	50	68	118
Accident .....		1	1	2	3	5
Suicide .....				2	1	3
Surgical Diseases .....				1	3	4
Gynæcological Diseases .....						
Malignant New Growths, or Cancer .....				4	8	12
Totals .....	15	20	35	387	366	753

TABLE No. 10—MIMICO.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses :—									
(a) Fever Delirium .....									
(b) Infection Delirium .....									
(c) Post Infection Psychoses .....		5	5		3	3			
Exhaustion Psychoses :—									
(a) Collapsed Delirium .....									
(b) Acute Confusional Psychoses .....		2	2						
(c) Neurasthenia .....									
Intoxication Psychoses :—									
(a) Acute Intoxications .....									
(b) Chronic “ .....									
(a) Alcoholism (acute and chronic) .....	1		1						
(b) Delirium Tremens .....									
(c) Korsakow's Psychoses .....									
(d) Acute Alcoholic Hallucinosiis .....									
(e) Alcoholic Hallucinatory Dementia .....	2		2	1		1			
(f) “ Paranoia .....									
(g) “ Paresis .....									
(h) Morphinism .....		1	1						
(i) Cocainism .....									
Thyriogenous Psychoses :—									
(a) Mixœdematous Psychoses .....									
(b) Cretinism .....									
Dementia Præcox :—									
(a) Hebaphrenic .....	12	6	18	10	10	20	4	2	6
(b) Catatonic .....	10	4	14	....	4	4	....	....	....
(c) Paranoid .....	6	3	9	2	4	6	....	2	2
General Paresis .....	1	1	2	1	1	2	....	....	....
Organic Dementias :—									
(a) Cerebral Sclerosis .....									
(b) Huntingdon's Chorea .....		1	1					1	1
(c) Multiple Sclerosis .....									
(d) Cerebral Syphilis .....									
(e) Tabetic Psychoses .....									
(f) Arterio Sclerotic Psychoses .....									
(g) Cerebral Tumor, Abscess, Hæmorrhage .....		2	2					1	1
Involution Psychoses, —									
(a) Melancholia .....	2	2	4	....	4	4	1	1	2
(b) Pre-senile Delusional Psychoses .....	2	5	7	....	1	1	2	1	3
(c) Senile Dementia .....	5	6	11	....	1	1	4	8	12
Manic Depressive Psychoses :—									
(a) Manic States .....	7	9	16	6	7	13	1	1	2
(b) Depressed States .....	5	7	12	1	1	2	1	1	2
(c) Mixed States .....	5	8	13	....	1	1	1	2	3
Carried Forward .....	58	62	120	21	37	58	14	20	34

TABLE No. 10—MIMICO—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	58	62	120	21	37	58	14	20	34
Paranoia.....									
Psychoses from Constitutional Neuroses :—									
(a) Epileptic Psychoses.....	2	3	5				1		1
(b) Hysterical Psychoses.....									
(c) Sexualis Psychopathia .....									
States of Deficient Mental Development :—									
(a) Imbecility .....	4	1	5	2		2			
(b) Idiocy .....									
Not Diagnosed.....									
Not Insane .....									
Totals .....	64	66	130	23	37	60	15	20	35

TABLE No. 11—MIMICO.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1911.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month .....	25	13		1		2
From 1 to 2 months.....	16	9	1		1	2
“ 2 “ 3 “ .....	15	13	2			1
“ 3 “ 4 “ .....	7	9				
“ 4 “ 5 “ .....	6	12	3			
“ 5 “ 6 “ .....	4	21	2			
“ 6 “ 9 “ .....	5	12	13	1		2
“ 9 “ 12 “ .....	5	14	4	1		1
“ 12 “ 18 “ .....	4	30	9	3		4
“ 18 months to 2 years.	3	35	1			3
“ 2 to 3 years.....	6	44	3	1		3
“ 3 “ 4 “ .....	6	38	3	1		4
“ 4 “ 5 “ .....	7	36	2	1		1
“ 5 “ 10 “ .....	6	127	1	1		5
“ 10 “ 15 “ .....	5	70	2	1		1
“ 15 “ 20 “ .....	2	72				3
“ 20 years and upwards	2	60		2	1	3
Unknown.....	6					
Totals.....	130	615	46	13	2	35

## HOSPITAL FOR THE INSANE, PENETANGUISHENE.

ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT FOR THE YEAR ENDING  
OCTOBER 31ST, 1911.

TO C. R. W. POSTLETHWAITE, ESQ., AND EDWIN R. ROGERS, ESQ.,

*Inspectors of Hospitals for the Insane, Parliament Buildings, Toronto.*

GENTLEMEN,—In accordance with the statutory requirements, I have the honour to submit the Eighth Annual Statistical Report of the Hospital for Insane, Penetanguishene, for the year ending October 31st, 1911.

At the opening of the year there were 161 males and 203 females in residence. Twenty-one of our inmates died during the year, one was deported, two were discharged, one as recovered and the other unimproved, and one was transferred to another institution. The average age of those who died was 65 2-5 years, the oldest being 81 and the youngest 29. Vacancies as they occurred were filled by transfers from Brockville, Toronto, Mimico and Hamilton, and at the close of the year there were three patients out on probation, leaving a population of 163 men and 204 females, three more on the register than we commenced with.

I have to thank you for your earnest endeavor to have more suitable patients sent here than has been the custom in the past. Our population consists chiefly of more or less helpless, old people, who are gradually becoming less able to look after their own wants, or to assist in looking after others, and it is impossible to make improvements or do the necessary work with the help at our disposal.

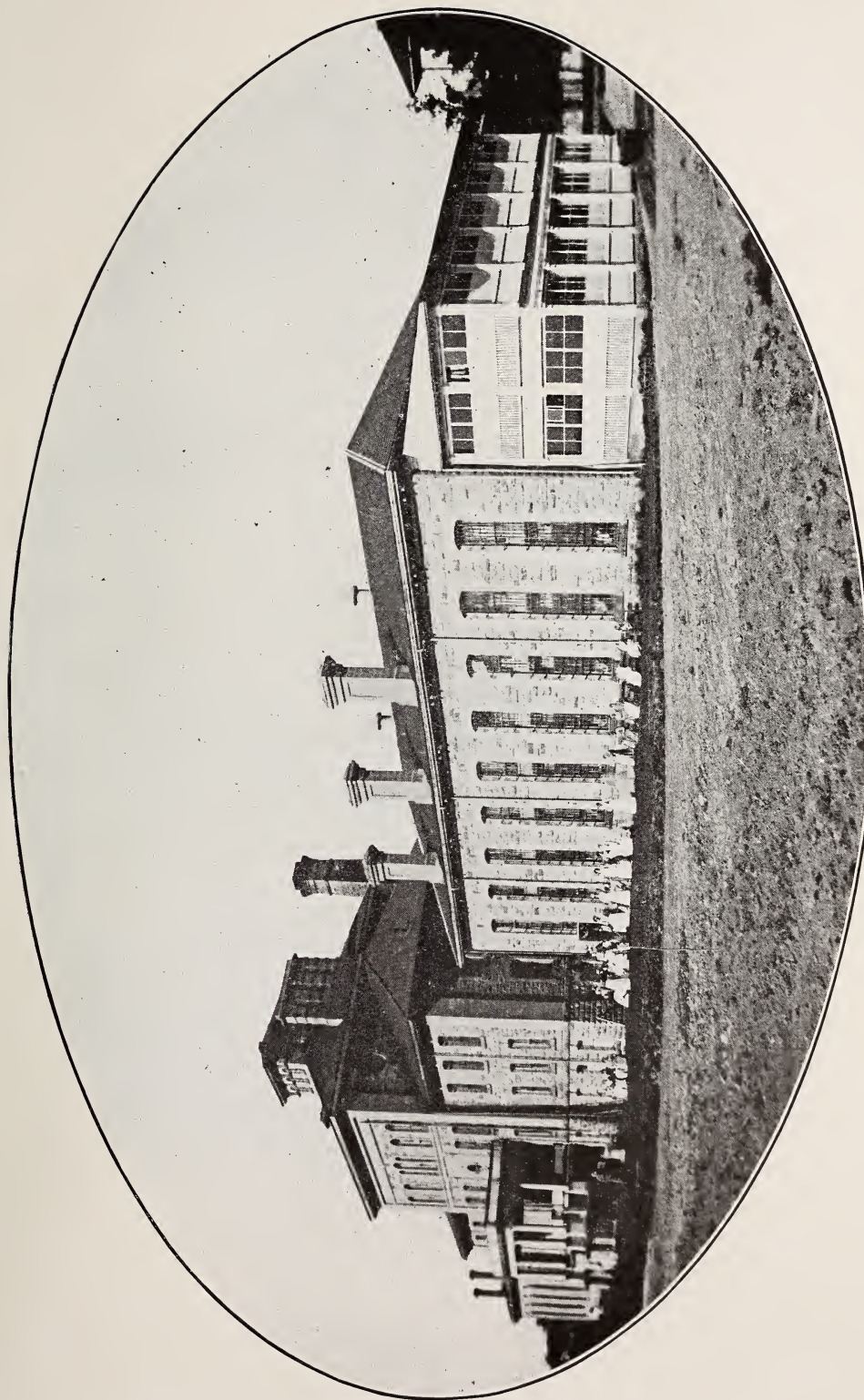
It would be decidedly in the interest of patients in the larger institutions from which we draw our population, were the superintendents at intervals, to secure from the supervisors a list of the names of the best workers on their wards, and when occasion for transfer comes to send these trustees, and have others trained to do their duties. It is a well known fact that so long as things go along smoothly, so long as the work is done by this trained help, other patients are neglected, who, when necessity arises and attention is paid them become as useful as those who preceded them.

It should be remembered that we have no acute cases to draw from, that we are dependent entirely on the transfers sent. If they had been tested and found useless in the parent institution there is no prospect of their becoming useful here.

## WORK DONE.

We have with the help at our disposal made improvements to buildings and grounds, and have much planned for the future. The building of balcony on east side of male cottage will fill a much felt want, and add to the comfort and health of the patients. Numerous repairs were made to the buildings and houses, Cottage A was roofed, and the carpenters set the frame work for the new cement walks that were laid in front of the main building and from the laundry to the bake shop. The mason was kept busy with new work, tuck pointing the building and rebuilding some walls that were falling down. The painter put in a busy season painting interior of Cottage B, fences, the exterior of Superintendent's residence, and that of the main building, which had not been done for years, glazing and painting new balcony, and several odd jobs throughout the buildings. The engineer assisted in the installing of an elevator, laid steam pipes to carpenter





Main Building, Penetanguishene.



shop, put hot water heater in laundry, closet in messengers' house, and made the necessary numerous repairs required about the building, besides going over the electric wiring and remedying any defects.

The farmer and gardener made an honest endeavor to make the grounds bring forth its fruits, but as this was an off year, with little or no rain, the resulting crop from the farm was not as good as that produced last year. The gardener was handicapped not only by want of rain, but by lack of water supplied from the town water works, but while some things were not as good as last year, his average crop will be about the same. Much time and labour was spent in laying out and levelling one of the finest bowling greens in the country, which has improved very much the appearance of the grounds in front of building, and will always be an ornament to the place. Excavation and levelling was done to the east of the laundry, and we hope before snow flies another year, to have building erected in which the roaring game and healthful exercise of skating may be enjoyed. Numerous minor improvements were made to grounds and buildings, but the crowning point of the year's work was the raising of a flag staff on the cupola of the main building, from which, the highest point in the district, for the first time in five years, the flag we all love floats proudly to the breeze.

#### WORK TO BE DONE.

During the coming year we hope to have a grant for the building of a balcony on the north end of main building, which will not only be a great comfort to the patients, but would be a means of exit should a fire occur in the building. Arrangements are under way for the laying of water pipes, and increasing the number of hydrants for fire purposes, and an endeavor is being made to secure a supply of spring water by boring a well in the vicinity of the present reservoir. In any case whether we secure water in sufficient quantities for our needs or not, a second reservoir higher up should be built, and if necessity arises water can be pumped from the bay to fill it. If bay water is pumped, connection would be made to laundry and engine room, resulting in a saving in both these departments, and the garden could be made much more profitable. We purpose overhauling and remodelling the farm and messenger stables, making room for Dr. Cattermole's horse, when his old stable and sheds, an eyesore and blot on the land, will be removed.

The question of roads throughout the grounds could be soon settled if we had a small stone crusher. If one is not forthcoming next year I purpose collecting stones, providing a shelter and having them broken by hand.

The chicken house, always a source of complaint, will be removed in the early spring, and more commodious quarters will be provided, when we hope to produce most of the eggs required for the institution. Our cow stable is a model one, but the class of cows are poor and should be replaced by better animals, that will give a good return of milk for amount of feed and fodder used. Our horses, instead of being high class models, are, with the exception of two teams, poor cripples and we hope to replace them with animals that will be a credit to the institution. In connection with the farm and garden we require a binder and separator for the farmer's use and a lawn horse mower for the gardener. The coal wharf is too small for the amount of coal put on it and should be extended twenty feet or more to the west during the coming winter. A local telephone system is a crying need and should be installed at once. The greenhouse is



not sufficiently large for the needs of the institution and the building of an addition to the north of present structure should have your serious consideration. The institution has one of the most beautiful sites imaginable, and there are immense possibilities for making the grounds the most picturesque in the province, but to do this we must have some definite plan to work on, and with this end in view I would suggest that a competent landscape architect be employed to make a plan, which, when accepted by the department, shall be the guide and direction for the future, so that the work done year by year will blend in to one harmonious whole. You are aware how little land we have suitable for cultivation and how dependent we are on the weather for our crops. The soil is very light and notwithstanding the work put on it does not give a return sufficient for our wants. It has occurred to me that if we were able to purchase some good farm land in the vicinity of the institution, which could be worked by institution labour it would be a paying investment.

#### CHURCH SERVICES.

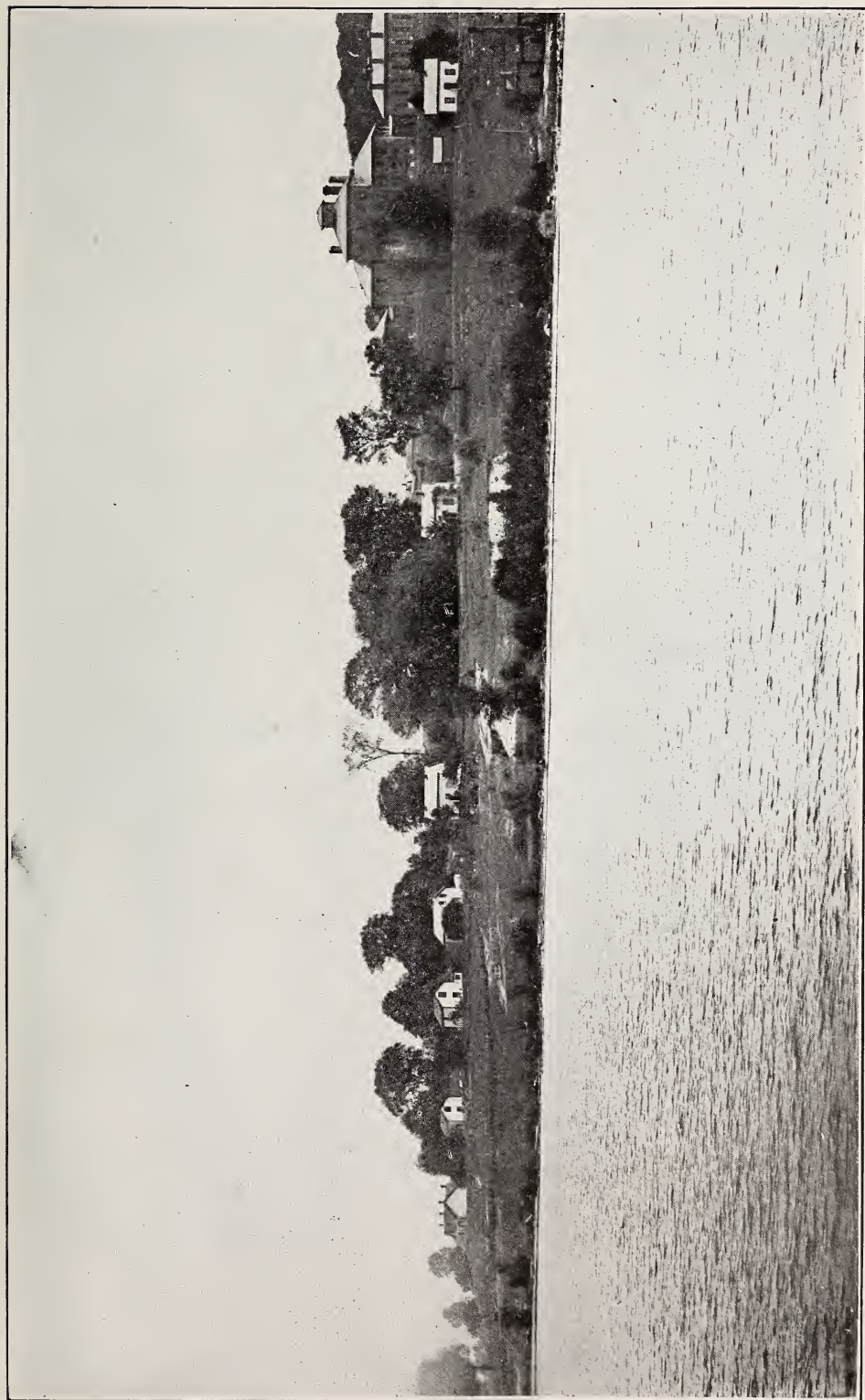
During the year church services, which had not been held for some months were resumed, and our special thanks are due to the Protestant Clergymen of the town of Penetanguishene, who at considerable sacrifice and inconvenience to themselves came out at nine o'clock on Sunday mornings, rain or shine, to administer to and cheer our people. Service is held periodically during the year on week days by the Catholic Clergy of the town and all of the clergymen come to give consolation to the sick and dying and Christian burial to the departed.

As it has been pointed out before these services are given without any pecuniary reward, and it seems hardly fair that the clergymen should be asked to do what is their regular work without receiving remuneration therefor. All the other people who do work for the institution receive their reward, why should not the Clergyman?

The question of enlarging this Institution comes up periodically but has never been treated seriously. You are aware how handicapped we are in accommodation for excited patients, and, that no matter how chronic and quiet a patient may be, he is at times liable to break out into fits of violence and destructiveness. The accommodation could be increased to capacity for 600 patients at a minimum of cost, by fitting up and extending the present carpenter and paint shops, and extending Cottage A north to the bake shop and south to the laundry, thus doing away with small office building, and unsightly coal sheds, and completing the quadrangle. If the number of patients were increased the present high per capita cost per day of salaries would be much decreased.

The sewer has blocked twice during the year and had the weather been more favorable when the last stoppage occurred I would have recommended relaying and substituting twenty-inch pipes for the nine inch that are now in use. We found that the pipe is laid with a plus encline instead of with a minus encline, on the stretch from the north end of building to the brink of hill, and were it not for the pressure behind would frequently become blocked.





Main Building and Employees' Cottages from the Bay, Penetanguishene.



## STAFF.

There are but two changes in the official staff, Miss Kitts who was transferred here November 1st, 1910 from Brockville, resigned in March, and Miss Blythe, Matron was transferred to Mimico, her place being filled by Miss Jones. Miss Habart was appointed to the staff in October, and has been doing most efficient service during Miss Jones' absence on sick leave.

In concluding I wish to thank you for the kindly interest you have at all times displayed in the welfare of the Institution.

I have the honour to be,

Sirs,

Your obedient servant,

W. T. WILSON,

*Medical Superintendent.*

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR THE INSANE, PENETANGUISHENE, FOR THE  
YEAR ENDING OCTOBER 31st, 1911.

TABLE No. 1—PENETANGUISHENE.

Showing movements of patients in the Hospital for the official year ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	165	204	369			
In residence, October 31st, 1910.....				161	203	364
Admitted during year 1911:—						
By Warrant .....	4	9	13			
By Medical Certificate.....	6	10	16	10	19	29
Total number under treatment during year .....				171	222	393
Discharges during year:—						
As recovered .....		1	1			
“ improved .....		1	1			
“ unimproved .....	1		1			
“ not insane .....						
Total number discharged during year.	1	2	3			
Died .....	6	15	21			
Deported .....	1		1			
Eloped .....						
Transferred .....		1	1	8	18	26
Remaining in Hospital, October 31st, 1911 .....				163	204	367
Total number admitted since opening of Hospital .....				242	291	533
Total number discharged since opening of Hospital .....	17	21	38			
Total number died since opening of Hospital .....	41	58	99			
Total number deported since opening of Hospital .....	8		8			
Total number eloped since opening of Hospital .....	6		6			
Total number transferred since opening of Hospital .....	7	8	15	79	87	166
Total remaining in Hospital, October 31st, 1911.....				163	204	367
Daily average population .....	163	198	361			
Collective days' stay of all patients in residence during year .....	59,666	72,394	132,060			
Number of applications on fyle.....						





Men's Cottage, Penetanguishene.



TABLE No. 2—PENETANGUISHENE.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>						
Single.....	9	6	15	173	147	320
Married .....	1	13	14	62	137	199
Widowed .....						
Divorced .....						
Separated .....						
Unascertained .....				7	7	14
Totals.....	10	19	29	242	291	533
<b>RELIGION.</b>						
Baptists.....	1	1	2	10	9	19
Congregationalists .....						
Episcopalians.....	2	5	7	50	70	120
Methodists .....	1	7	8	46	58	104
Presbyterians .....	2	1	3	34	45	79
Roman Catholics.....	2	5	7	53	74	127
Other Denominations.....	2		2	25	20	45
Unascertained .....				24	15	39
Totals.....	10	19	29	242	291	533



TABLE No. 3—PENETANGUISHENE.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions.....	10	19	29	242	291	533
Total born in Canada.....	7	13	20	135	177	312
Armenia .....				1		1
Assyria .....				2		2
Austria .....						
Australia.....						
Belgium.....						
Bulgaria .....						
Central America.....						
China .....						
Denmark .....						
England.....	2	4	6	39	27	66
France .....				3	1	4
Finland .....						
Galicia .....				4	5	9
Germany .....	1		1	1		1
Greece .....						
Holland .....						
Hungary .....		2	2	18	42	60
Ireland.....				3	1	4
Italy .....						
Japan .....				1		1
Macedonia.....						
Other British Possessions .....				1		1
Norway .....						
Roumania .....				3	2	5
Russia .....				9	15	24
Scotland .....						
South America .....						
Spain .....				1	1	2
Sweden .....						
Turkey.....				6	6	12
United States.....						
West Indies .....				15	14	29
Unascertained .....						
Totals.....	10	19	29	242	291	533



TABLE No. 4—PENETANGUISHENE.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional :— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers Surveyors, etc.....				3		3
Commercial :— Bankers, Merchants, Accountants, Clerks, Salesmen Stenographers, Typewriters, etc. ....				3		3
Agricultural and Pastoral :— Farmers, Gardeners, Stockmen, etc.	1		1	59		59
Mechanics at Outdoor Vocations ;— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc. ....	1		1	19		19
Mechanics, etc., at Sedentary Voca- tions :— Shoemakers, Bookbinders, Com- positors, Weavers, Tailors, Seam- stresses, Bakers, Factory Workers, etc. ....	1		1	8	9	17
Domestic Service :— Waiters, Cooks, Servants, etc. ....		9	9		94	94
Education and Higher Domestic Duties :— Governesses, Teachers, Students, Housekeepers, Nurses, etc.....		9	9	4	114	118
Miners, Marine Engineers, Railway Em- ployees, Seamen, etc.....						
Laborers .....	8		8	105		105
No Occupation .....		1	1	16	45	61
Unascertained .....				25	29	54
Totals .....	10	19	29	242	291	533

TABLE No. 5—PENETANGUISHENE.

Showing the Counties and Districts from which patients have been admitted during the year,  
and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...				14	5	19				8	2	10	11	5	16
Brant .....					1	1								1	1
Bruce .....				1	5	6				1	3	4	1	4	5
Carleton .....				1	3	4				1	1	2	1	3	4
Dufferin .....					1	1								1	1
Dundas .....															
Durham .....	1		1	1	1	2							1	1	2
Elgin .....	1		1	1	4	5	1		1	1		4	1	4	5
Essex .....					2	2					2	2		2	2
Frontenac .....					4	4				1	2	3		4	4
Glengarry .....															
Grenville .....															
Grey .....	1		1	14	4	18	1		1	11	3	14	10	3	13
Haldimand .....				1		1							1		1
Halton .....					6	6					6	6		4	4
Hastings .....	1		1	2	3	5	1		1	1		1	2	3	5
Huron .....															
Kent .....															
Lambton .....				1	3	4				1	1	2		2	2
Lanark .....					1	1								1	1
Leeds .....	1		1	1	1	2					1	1	1	1	2
Lennox and Ad- dington .....				1	6	7					5	5		4	4
Lincoln .....		1	1	2	2	4		1	1	2	2	4	1	1	2
Middlesex .....				5	8	13				4	4	8	3	4	7
Muskoka District..				10	9	19				8	7	15	8	6	14
Nipissing District.	1	1	2	6	2	8		1	1	7	1	8	2	2	4
Norfolk .....					3	3								2	2
Northumberland ..				5	9	14				2	3	5	3	7	10
Ontario .....		2	2	15	12	27		2	2	14	6	20	13	10	23
Oxford .....				2	2	4				2	1	3	2	1	3
Parry Sound Dis- trict .....				4	1	5				4		4	1	1	2
Peel .....				1	2	3					1	1	1	2	3
Perth .....				1	3	4				1	2	3		2	2
Peterborough .....				4	2	6				4	2	6	4	1	5
Prescott .....	1		1	2	1	3	1		1	1		1	2	1	3
Prince Edward .....															
Rainy River Dis- trict .....		1	1	4	3	7		1	1	4	3	7	1	3	4
Renfrew .....				1	3	4				2	1	3		3	3
Russell .....															
Simcoe .....	3	5	8	61	78	139		1	1	24	28	52	30	44	74
Stormont .....					1	1					1	1		1	1
Thunder Bay Dis- trict .....				2	1	3				2	1	3	1	1	2
Victoria .....				7	7	14				6	6	12	4	6	10
Waterloo .....				2		2				2		2		1	1
Welland .....		1	1		2	2				1		1		1	1
Wellington .....				3	3	6				1		1	3	3	6
Wentworth .....				6	2	8				2	2	4	5	2	7
York .....		8	8	46	75	121		3	3	37	45	82	39	53	92
Unascertained .....				15	10	25				17	9	26	11	3	14
Totals .....	10	19	29	242	291	533	4	9	13	172	154	326	163	204	367

TABLE NO. 6—PENETANGUISHENE.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Total Admissions.			Inherited Predisposition.			Un-ascertained.
	Men.	Women.	Total.	Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....		1	1		1	1	
Mental Strain, Worry and Overwork (not included in above).....		1	1				
Religious Excitement .....							
Love Affairs, including seduction.....							
Fright and Nervous Shock.....		2	2		1	1	
PHYSICAL.							
Alcoholism .....		1	1	1	1	2	
Sexual Excess .....							
Venereal Diseases .....							
Masturbation .....							
Insolation .....							
Accident or Injury .....							
Pregnancy .....							
Parturition and Puerperium.....							
Lactation .....							
Climacteric Period .....		4	4				
Fevers .....							
Privation and Overwork.....		1	1				
Epilepsy .....							
Other Convulsive Diseases.....							
Diseases of Brain and Skull.....	6	2	8		1	1	
Senility .....		4	4		1	1	
Exophthalmic Goitre .....							
Epidemic Influenza .....							
Abuse of Drugs.....							
Loss of Special Sense.....							
Uræmia .....							
Other Auto-infection .....							
Other Bodily Diseases.....							
HEREDITARY.							
Congenital Defect .....	4	3	7	2	2	4	
Unascertained .....							19
Not Insane .....							
Totals .....	10	19	29	3	7	10	19

TABLE No. 7—PENETANGUISHENE.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted During Year.			Since Opening.		
	Male.	Female.	Total	Male.	Female.	Total.
Paternal Branch .....	1	1	2	18	27	45
Maternal Branch .....	2	2	4	14	23	37
Paternal and Maternal Branches .....	1	.....	1	5	6	11
Collateral Branches .....	.....	.....	.....	17	18	35
No Hereditary Tendency .....	2	1	3	75	77	152
Unascertained .....	4	15	19	113	140	253
Totals .....	10	19	29	242	291	533

TABLE No. 8—PENETANGUISHENE.

Showing summary of Probational Discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge .....	2	5	7
Discharged, Recovered, while on Probation .....	.....	.....	.....
" Improved, " .....	.....	1	1
" Unimproved, " .....	1	.....	1
Died while on Probation .....	.....	.....	.....
Returned to Hospital .....	.....	2	2
Absent on Probation on October 31st, 1911 .....	1	2	3



TABLE No. 9—PENETANGUISHENE

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases:—</b>						
Typhoid Fever .....				1		1
Influenza .....						
Cerebro-spinal Meningitis .....						
Diphtheria .....				1		
Erysipelas .....				1	2	3
Septicæmia .....						
Dysentery .....		2	2		2	2
Syphilis .....						
Tuberculosis .....	1	1	2	4	4	8
<b>Constitutional Diseases:—</b>						
Rheumatism .....						
Arthritis Deformans .....						
Diabetes Mellitus .....	1		1	1		1
<b>Diseases of the Digestive System:—</b>						
Mouth, salivary glands.....						
Pharynx .....						
Tonsils .....						
Œsophagus .....						
<b>Diseases of the Intestines:—</b>						
Diseases of the Liver.....		1	1	1		1
“ “ Pancreas .....						
“ “ Peritoneum .....					1	1
<b>Diseases of the Respiratory System:—</b>						
Diseases of the Nose and Larynx.						
“ “ Bronchi .....		1	1	1	2	2
“ “ Lungs .....				1	1	2
“ “ Pleura .....				1		1
<b>Diseases of the Circulatory System:—</b>						
Diseases of the Pericardium .....						
“ “ Heart .....		3	3	8	10	18
Arterio-sclerosis .....						
Aneurism .....						
<b>Diseases of the Blood and Ductless Glands:—</b>						
Anæmia .....					1	1
Pernicious Anæmia .....	1		1	1	1	2
Leukæmia .....						
Exophthalmic Goitre .....						
<b>Diseases of the Genito-Urinary System</b> .....				2		2
<i>Carried Forward</i> .....	3	8	11	21	24	45

TABLE NO. 9—PENETANGUISHENE— *continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	3	8	11	21	24	45
Diseases of the Nervous System:—						
Diseases of the Nerves.....						
“ “ Spinal Cord .....						
“ “ Meninges .....				1		1
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions).....	2	1	3	4	7	11
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria) .....						
Epilepsy .....					2	2
Mental Diseases:—						
Exhaustion of Acute Mental Dis- ease .....		2	2	1	2	3
Exhaustion of Chronic Mental Dis- ease .....						
General Paresis .....	1		1	4	4	8
Intoxications:—						
Alcoholism .....				1		1
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age.....		3	3	8	13	21
Accident .....		1	1		1	1
Suicide .....				1		1
Surgical Diseases .....					2	2
Gynæcological Diseases .....						
Malignant New Growths, or Cancer.....					3	3
Totals .....	6	15	21	41	58	99

TABLE No. 10—PENETANGUSHENE.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Infection Delirium .....	.....	.....	.....	.....	.....	.....	1	.....	1
(c) Post Infection Psychoses.....	.....	1	1	.....	.....	.....	.....	2	2
Exhaustion Psychoses:—									
(a) Collapsed Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Acute Confusional Psychoses.....	.....	2	2	.....	.....	.....	.....	.....	.....
(c) Neurasthenia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Intoxication Psychoses:—									
(a) Acute Intoxications .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Chronic “ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(a) Alcoholism (acute and chronic) ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Delirium Tremens .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Korsakow's Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Acute Alcoholic Hallucinosiis.....	.....	1	1	.....	.....	.....	.....	.....	.....
(e) Alcoholic Hallucinatory Dementia.	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) “ Paranoia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(g) “ Paresis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(h) Morphinism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(i) Cocainism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thyroigenous Psychoses:—									
(a) Mixedematous Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Cretinism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dementia Præcox:—									
(a) Hebaphrenic .....	4	.....	4	.....	.....	.....	1	1	2
(b) Catatonic .....	1	.....	1	1	.....	1	.....	.....	.....
(c) Paranoid .....	.....	1	1	.....	.....	.....	.....	.....	.....
General Paresis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Organic Dementias:—									
(a) Cerebral Sclerosis .....	.....	.....	.....	.....	.....	.....	1	3	4
(b) Huntingdon's Chorea .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Multiple Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Cerebral Syphilis .....	.....	.....	.....	.....	.....	.....	.....	1	1
(e) Tabetic Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) Arterio-sclerotic Psychoses .....	.....	1	1	.....	.....	.....	1	1	2
(g) Cerebral Tumor, Abscess, Hæmorrhage	.....	.....	.....	.....	.....	.....	1	.....	2
Involution Psychoses:—									
(a) Melancholia .....	.....	.....	.....	.....	.....	.....	.....	3	3
(b) Pre-senile Delusional Psychoses.....	.....	3	3	.....	.....	.....	.....	3	3
(c) Senile Dementia .....	.....	2	2	.....	1	1	.....	.....	.....
Manic Depressive Psychoses:—									
(a) Manic States .....	1	1	2	.....	.....	.....	.....	.....	.....
(b) Depressed States .....	.....	1	1	.....	.....	.....	.....	.....	.....
(c) Mixed States .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carried Forward .....	6	13	19	1	1	2	5	14	20

TABLE No. 10—PENETANGUISHENE—*Continued.*

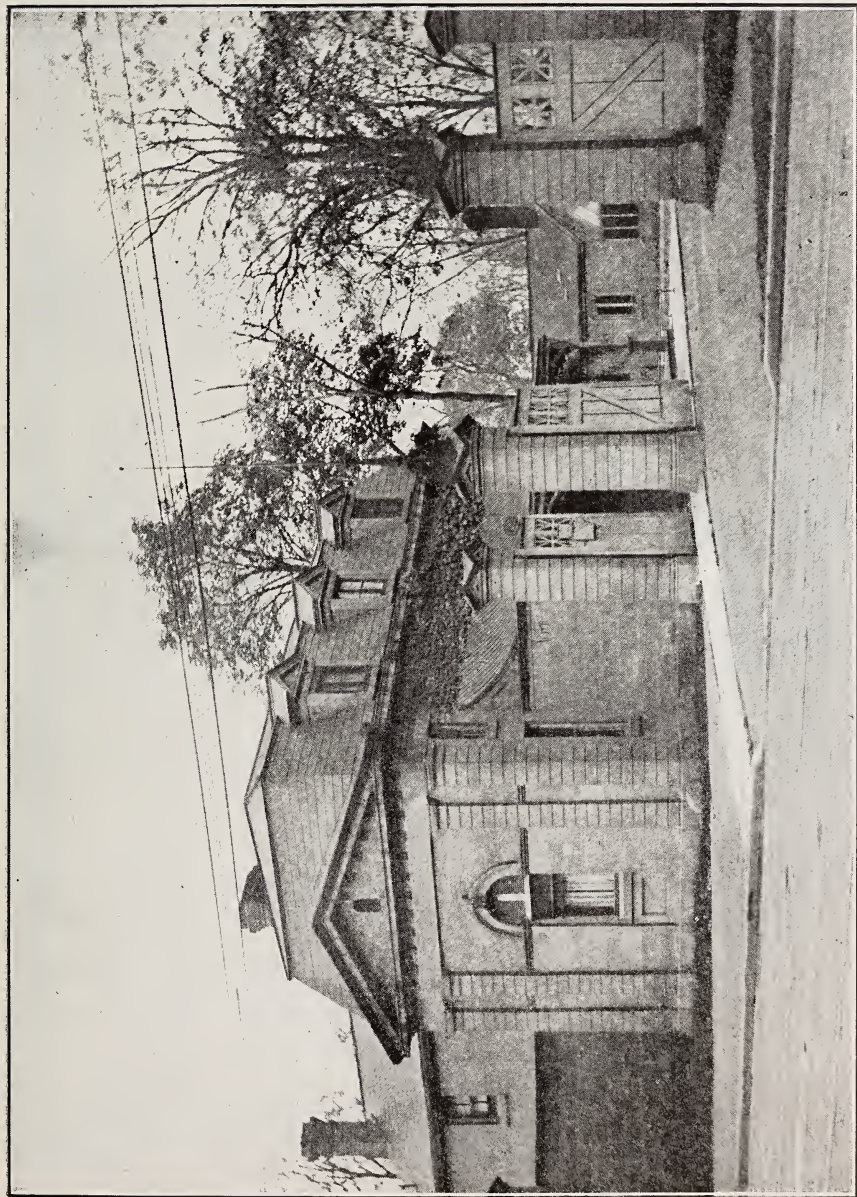
Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	6	13	19	1	1	2	5	14	20
Paranoia .....		2	2					1	1
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses .....									
(b) Hysterical Psychoses .....					1	1			
(c) Sexualis Psychopathia .....									
States of Deficient Mental Development:—									
(a) Imbecility .....	3	4	7					1	1
(b) Idiocy .....	1		1						
Not Diagnosed .....									
Not Insane .....									
Total .....	10	19	29	1	2	3	6	15	21

TABLE No. 11—PENETANGUISHENE.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1911.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....						
From 1 to 2 months.....	1	5				
" 2 " 3 " .....	2					
" 3 " 4 " .....	2	1				
" 4 " 5 " .....	1					
" 5 " 6 " .....	1	8	1			
" 6 " 9 " .....	2	4				
" 9 " 12 " .....	2	7		1	1	
" 12 " 18 " .....	3				1	1
" 18 months to 2 years	2	24				3
" 2 to 3 years .....	2	44				5
" 3 " 4 " .....	1	38				2
" 4 " 5 " .....	1	28				1
" 5 " 10 " .....	3	38				9
" 10 " 15 " .....	2	170				
" 15 " 20 " .....	2					
" 20 years and upwards	2					
Totals.....	29	367	1	1	2	21





Entrance to Grounds, Hospital for Insane, Toronto.



## HOSPITAL FOR THE INSANE, TORONTO.

OCTOBER 31ST, 1911.

To C. R. W. POSTLETHWAITE, Esq., AND E. R. ROGERS, Esq.

*Inspectors of Hospitals for Insane, etc., Province of Ontario.*

GENTLEMEN,—In accordance with your request I have the honour to submit the Seventy-first Report of this Hospital for the twelve months ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....	426	426	852			
In-Residence October 31st, 1910 .....				443	474	917
Admitted during year 1911 :						
By Warrant .....	56	22	78			
By Medical Certificate .....	104	132	236	160	154	314
Total number under treatment during year .....				603	628	1,231
Discharges during year :—						
As recovered .....	21	35	56			
“ improved .....	45	59	104			
“ unimproved .....	6	3	9			
“ not insane .....						
Total number discharged during year ...	72	97	169			
Died .....	44	32	76			
Deported .....	14	8	22			
Eloped .....	8	1	9			
Transferred .....	25	24	49	163	162	325
Remaining in Hospital, 1911 .....				440	466	906

## ADMISSIONS.

As the above table represents there have been admitted during the past fiscal year 160 men, 154 women; 314 total, and in order to properly appreciate how these admissions have increased during the past ten years the following table has been made out showing the admissions annually during that time.

Year.	Men.	Women.	Total.
1901.....	61	56	117
1902.....	64	90	154
1903.....	78	78	156
1904.....	94	109	203
1905.....	81	103	184
1906.....	89	156	245
1907.....	140	122	262
1908.....	153	105	258
1909.....	128	102	230
1910.....	148	152	300
1911.....	160	154	314

While this is accounted for to a large extent by the increase of the population of the City of Toronto and the County of York it cannot wholly be ascribed to this.

WARRANT CASES.

An honest effort has been made to relieve the gaol of the inmates confined therein because of insanity. A member of our medical staff visited that institution regularly with the view of always taking any case which was urgent from the standpoint of treatment. It was a fine point in several cases to determine whether the prisoner was properly a subject for admission to the hospital or belonged rather to the criminal class and could better be provided for in one of the penal institutions. When unmistakable evidence of congenital mental defect existed, accommodation was given although these patients are not at all well classified in this Hospital for Insane.

VOLUNTARY PATIENTS.

It was quite a gratifying experience of the past year the number of patients who presented themselves voluntarily at the door of this Hospital. These were generally conscious of their illness, and asked of their own accord to be taken into the Hospital and given the treatment they felt so much in need of. These cases classified according to their diseases were:

Manic Depressive .....	4
Dementia Præcox-Catatonic.....	2
Dementia Præcox-Hebephrenic .....	3
Alcoholism .....	2
Drug Habit .....	1
Total.....	12

DISCHARGES.

The most anxious care of the year was the very large number of patients who were allowed home by the probationary system. So many admissions for the year entailed of necessity a large number of discharges, and where hopeful results could be entertained as to the health of the patients, and the risks were well provided against, the benefit of the doubt, if any, was given to the patient and the outcome has been surprisingly good.





Main Building, Toronto.



In a hospital placed such as this is now, in the heart of a large city, without its field and garden occupations, the patients can only find employment, which is so essential to their recovery in the period of convalescence, by returning home. In some selected cases it has been the practice to allow the patient to return to his trade, still providing a home for him in the hospital and watching over his health while thus engaged until he is able to rely wholly on himself.

#### NURSES' HOME.

A very pleasing feature associated with my introduction to this Hospital was the opening of the Home for the Nurses in the residence formerly occupied by the Medical Superintendent. The building was admirably adapted for this purpose and with but little alteration it was opened informally, as the Home of the Nurses on 26th July, 1911. In it are now 30 nurses. A sitting room is suitably furnished and provided with a library of medical, nursing and general literature; the daily newspapers and some of the magazines. It is the desire of the Department to make this Home as interesting as possible for these young ladies. Miss Cook, the trained nurse resides in the Home and has charge of it.

The nursing duties are carried out intelligently now by young women acquainted with the symptoms, dangers, etc., which the various diseases present, and they are instructed in the suitable treatment and care indicated and directed by the medical staff.

Perhaps no branch of nursing requires such self-control; good judgment and discreet conduct as that expected and demanded of the nurse for mental diseases. It is the aim to attract to this work young women refined and accomplished for this exacting task.

#### CHANGES ON THE STAFF.

Dr. C. K. Clarke resigned the position of Medical Superintendent on the 15th of May, 1911, to take over the duties of Superintendent of the Toronto General Hospital, to which office he had been appointed.

Dr. Clarke began the special study of psychiatry in the Toronto Hospital for the Insane on the first day of January, 1874, as Clinical Assistant, under Dr. Joseph Workman, who was then the eminent Superintendent of this Hospital and to whom Dr. Clarke attributes much of his success in after years. Dr. Clarke rose step by step in the service until he was appointed Superintendent of Rockwood Hospital, Kingston, in the month of August, 1885, which position he retained until 1905 when he succeeded Dr. Daniel Clark who had resigned the Superintendency of this Hospital.

Dr. Clarke was always an enthusiastic student of medicine and this ardent spirit he put into his years of work in psychiatry. He had not pet theories but placed his reliance upon the close study of each patient at the bedside, and this method of investigation he encouraged in his assistants. He taught that if anything, the insane should have greater kindness, sympathy and attention than other invalids. Dr. Clarke saw the days of the abandonment of restraint and under his direction he gave the broadest scope for occupation and amusements. He was the first to introduce into Canada the Training School for Nurses of the insane, which has now become general in Ontario, and has practically changed the whole character of the care given the patients in our Hospitals.



Dr. J. H. Stead was transferred to the London Hospital staff on the 24th June, 1911, receiving this promotion in recognition of his efficient services.

To fill this vacancy Dr. F. S. Vrooman came from the Mimico Hospital.

The position of Second Assistant Physician was created and Dr. Kidd's appointment made on the 5th of August, 1911.

Miss Erie Shand was appointed Matron, in place of Miss Jean Gibson, who was transferred to the Hospital for Insane, Brockville, on the 5th of April, 1911. Miss Shand besides being a graduate of the McDonald Institute at Guelph, had valuable experience in other institutions.

Since taking over the administration of this Hospital on the 16th of May, 1911, I beg to thank the Assistant Superintendent, Dr. Harvey Clare, and the staff generally for their assistance and co-operation in the work of the Hospital, tending to the common good of those intrusted to our charge.

I have the Honour to be,

Sirs,

Your obedient servant,

J. M. FORSTER,

*Medical Superintendent.*





South Cottage, Toronto.



**ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, TORONTO, FOR THE YEAR  
ENDING OCTOBER 31st, 1911.**

TABLE No. 1—TORONTO.

Showing movements of patients in the Hospital for the official year ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....	426	426	852			
In Residence October 31st, 1910 .....				443	474	917
Admitted during year 1911:—						
By Warrant .....	56	22	78			
By Medical Certificate .....	164	132	236	160	154	314
Total number under treatment during year .....				603	628	1,231
Discharges during year:—						
As recovered .....	21	35	56			
“ improved .....	45	59	104			
“ unimproved .....	6	3	9			
“ not insane .....						
Total number discharged during year....	72	97	169			
Died .....	44	32	76			
Deported .....	14	8	22			
Eloped .....	8	1	9			
Transferred .....	25	24	49	163	162	325
Remaining in Hospital October 31st, 1911 .....				440	466	906
Total number admitted since opening of Hospital .....				5,701	5,443	11,144
Total number discharged since opening of Hospital .....	2,848	2,928	5,776			
Total number died since opening of Hospital .....	1,548	1,265	2,813			
Total number deported since opening of Hospital .....	53	17	70			
Total number eloped since opening of Hospital .....	135	16	151			
Total number transferred since opening of Hospital .....	677	751	1,428	5,261	4,977	10,238
Total remaining in Hospital October 31st, 1911 .....				440	466	906
Daily average population .....	429	438	867			
Collective day's stay of all patients in residence during year .....	156,280	159,636	315,916			
Number of applications on file .....	20	22	42			

TABLE No. 2—TORONTO.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>						
Single .....	79	72	151	3,040	2,142	5,182
Married.....	73	60	133	2,622	3,238	5,860
Widowed.....	8	22	30	34	62	96
Divorced .....				1		1
Separated .....						
Unascertained .....				4	1	5
Totals .....	160	154	314	5,701	5,443	11,144
<b>RELIGION.</b>						
Baptists .....	8	6	14	147	150	297
Congregationalists.....	2	3	5	56	83	139
Episcopalians .....	35	43	78	1,628	1,514	3,142
Methodists .....	44	19	63	1,091	1,098	2,189
Presbyterians .....	27	35	62	1,210	1,159	2,369
Roman Catholics .....	21	21	42	1,032	992	2,024
Other Denominations .....	22	21	43	392	364	756
Unascertained .....	1	6	7	145	83	228
Totals .....	160	154	314	5,701	5,443	11,144



TABLE No. 3—TORONTO.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	160	154	314	5,701	5,443	11,144
Total born in Canada .....	95	85	180	2,483	2,491	4,974
Armenia .....						
Assyria .....						
Austria .....	2		2	2	1	3
Australia .....						
Belgium .....						
Bulgaria .....						
Central America .....						
China .....				2		2
Denmark .....				1		1
England .....	33	35	68	1,075	908	1,983
France .....				1		1
Finland .....		1	1	3	2	5
Galicia .....						
Germany .....	2	1	3	6	2	8
Greece .....				2		2
Holland .....						
Hungary .....						
Ireland .....	8	11	19	1,147	1,168	2,315
Italy .....	1		1	4		4
Japan .....						
Macedonia .....						
Other British Possessions .....	1		1	2	1	3
Norway .....					1	1
Roumania .....					1	1
Russia .....	3	2	5	11	7	18
Scotland .....	7	8	15	560	482	1,042
South America .....				1		1
Spain .....						
Sweden .....	1		1	1	1	2
Turkey .....						
United States .....	6	9	15	188	214	402
West Indies .....						
Unascertained and other countries .....	1	2	3	212	164	376
Totals .....	160	154	314	5,701	5,443	11,144

TABLE No. 4—TORONTO.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.....	7	1	8	249	14	263
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.....	29	7	36	673	62	735
Agricultural and Pastoral:— Farmers, Gardeners, Stock Men, etc.	17	.....	17	1,398	.....	1,398
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc. ....	34	.....	34	547	1	548
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc. ....	27	21	48	489	268	757
Domestic Service:— Waiters, Cooks, Servants, etc.....	1	23	24	70	1,276	1,346
Education and Higher Domestic Duties: Governesses, Teachers, Students, Housekeepers, Nurses, etc.....	6	91	97	235	2,863	3,128
Miners, Marine Engineers, Railway Employees, Seamen, etc.....	4	.....	4	133	2	135
Laborers .....	29	.....	29	1,375	.....	1,375
No Occupation .....	3	9	12	213	555	768
Unascertained .....	3	2	5	319	372	691
Totals .....	160	154	314	5,701	5,443	11,144

TABLE No. 5—TORONTO.

Showing the Counties and Districts from which patients have been admitted during the year,  
and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...	1	....	1	14	17	31	1	....	1	6	1	7	3	3	6
Brant .....	....	....	....	49	60	109	....	....	....	2	3	5	1	1	2
Bruce .....	1	....	1	26	14	40	....	....	....	5	....	5	2	3	5
Carleton .....	....	....	....	81	66	147	....	....	....	12	2	14	4	....	4
Dufferin .....	....	....	....	8	9	17	....	....	....	3	1	4	1	1	2
Dundas .....	....	....	....	17	16	33	....	....	....	3	1	4	....	....	....
Durham .....	....	....	....	173	164	337	....	....	....	34	17	51	7	5	12
Elgin .....	....	....	....	33	25	58	....	....	....	1	....	1	1	2	3
Essex .....	....	....	....	18	16	34	....	....	....	2	3	5	1	....	1
Frontenac .....	....	....	....	104	75	179	....	....	....	23	13	36	1	3	4
Glengarry .....	....	....	....	30	21	51	....	....	....	4	2	6	2	....	2
Grenville .....	....	....	....	19	17	36	....	....	....	5	1	6	3	....	3
Grey .....	1	2	3	119	94	213	....	....	....	58	17	75	3	1	4
Haldimand .....	....	1	1	26	26	52	....	....	....	5	1	6	....	....	....
Halton .....	....	....	....	83	66	149	....	....	....	6	2	8	1	4	5
Hastings .....	....	....	....	116	89	205	....	....	....	53	27	80	3	....	3
Huron .....	1	....	1	65	60	125	....	....	....	4	1	5	3	3	6
Kent .....	....	....	....	26	23	49	....	....	....	6	2	8	....	....	....
Lambton .....	....	....	....	30	24	54	....	....	....	3	2	5	2	1	3
Lanark .....	1	....	1	51	43	94	1	....	1	10	6	16	1	....	1
Leeds .....	....	....	....	41	35	76	....	....	....	6	4	10	1	1	2
Lennox and Ad- dington .....	....	1	1	26	20	46	....	....	....	12	1	13	2	1	3
Lincoln .....	....	1	1	101	85	186	....	....	....	14	10	24	....	3	3
Middlesex .....	1	....	1	83	79	162	....	....	....	1	....	1	1	....	1
Muskoka District...	....	....	....	20	20	40	....	....	....	3	2	5	....	2	2
Nipissing District...	1	....	1	6	5	11	....	....	....	1	2	3	1	....	1
Norfolk .....	1	....	1	19	21	40	....	....	....	....	....	....	1	....	1
Northumberland ..	1	....	1	147	139	286	....	....	....	29	11	40	6	3	9
Ontario .....	....	....	....	196	179	375	....	....	....	65	30	95	8	8	16
Oxford .....	....	....	....	39	40	79	....	....	....	4	5	9	3	....	3
Parry Sound Dis- trict .....	....	....	....	1	3	4	....	....	....	....	....	....	1	1	2
Peel .....	1	....	1	128	129	257	....	....	....	31	10	41	5	6	11
Perth .....	....	1	1	50	49	99	....	....	....	7	9	7	....	....	....
Peterborough .....	....	....	....	102	99	201	....	....	....	44	15	59	7	1	8
Prescott .....	....	....	....	21	22	43	....	....	....	3	1	4	....	....	....
Prince Edward .....	....	....	....	26	29	55	....	....	....	3	....	3	....	1	1
Rainy River Dis- trict .....	....	....	....	5	4	9	....	....	....	4	2	6	....	....	....
Renfrew .....	....	....	....	4	11	15	....	....	....	....	....	....	1	....	1
Russell .....	....	....	....	12	10	22	....	....	....	2	1	3	1	....	1
Simcoe .....	3	2	5	73	70	143	....	....	....	26	12	38	7	8	15
Stormont .....	....	1	1	49	35	84	....	....	....	6	3	9	2	....	2
Thunder Bay Dis- trict .....	....	1	1	1	3	4	....	....	....	....	....	....	1	4	5
Victoria .....	....	....	....	143	145	288	....	....	....	52	26	78	4	2	6
Waterloo .....	1	....	1	54	54	107	....	....	....	10	4	14	4	4	8
Welland .....	....	....	....	51	50	101	....	....	....	6	4	10	2	2	4
Wellington .....	1	1	2	151	152	303	....	....	....	14	4	18	4	4	8
Wentworth .....	2	....	2	237	210	447	....	....	....	39	9	48	6	1	7
York .....	142	143	285	2,676	2,775	5,451	54	22	76	903	558	1,461	328	386	714
Unascertained .....	1	....	1	152	44	196	....	....	....	88	14	102	6	....	6
Manitoba .....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....
Totals .....	160	154	314	5,701	5,443	11,144	56	22	78	1,618	830	2,448	440	466	906

TABLE No. 6—TORONTO.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Total Admissions.			Inherited Predisposition.			Un-ascertained.
	Men.	Women.	Total.	Men.	Women.	Total.	
<b>MORAL.</b>							
Adverse Conditions (such as loss of friends, business troubles, etc.).....	3	9	12	2	.....	2	10
Mental Strain, Worry and Overwork (not included in above) .....	14	17	31	7	6	13	18
Religious Excitement .....	.....	.....	.....	.....	.....	.....	.....
Love affairs, including seduction .....	.....	1	1	.....	1	1	.....
Fright and Nervous Shock.....	1	1	2	.....	.....	.....	2
<b>PHYSICAL.</b>							
Alcoholism .....	8	2	10	1	.....	1	9
Sexual Excess.....	.....	.....	.....	.....	.....	.....	.....
Venereal Disease. . . . .	.....	.....	.....	.....	.....	.....	.....
Masturbation .....	.....	.....	.....	.....	.....	.....	.....
Insolation .....	.....	.....	.....	.....	.....	.....	.....
Accident or Injury .....	.....	.....	.....	.....	.....	.....	.....
Pregnancy.....	.....	1	1	.....	.....	.....	1
Parturition and Puerperium .....	.....	4	4	.....	1	1	3
Lactation.....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period .....	.....	.....	.....	.....	.....	.....	.....
Fevers .....	1	.....	1	.....	.....	.....	1
Privation and Overwork.....	.....	.....	.....	.....	.....	.....	.....
Epilepsy .....	.....	1	1	.....	.....	.....	1
Other Convulsive Diseases.....	1	.....	1	1	.....	1	.....
Diseases of Brain and Skull .....	.....	.....	.....	.....	.....	.....	.....
Senility .....	.....	2	2	.....	.....	.....	2
Exophthalmic Goitre. . . . .	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza.....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs .....	3	1	4	1	1	2	2
Loss of Special Sense .....	.....	.....	.....	.....	.....	.....	.....
Uræmia .....	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection .....	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases .....	1	6	7	1	.....	1	6
<b>HEREDITARY.</b>							
Congenital Defect .....	4	.....	4	1	.....	1	3
Unascertained .....	124	109	233	11	18	29	204
Not Insane .....	.....	.....	.....	.....	.....	.....	.....
Totals.....	160	154	314	25	27	52	262



TABLE No. 7—TORONTO.

Showing hereditary tendency to insanity in patients admitted during the year  
and since the opening of the Hospital.

	Admitted During Year.		
	Male.	Female.	Total.
Paternal Branch .....	8	5	13
Maternal Branch .....	10	13	23
Paternal and Maternal Branches .....	3	2	5
Collateral Branches .....	4	7	11
No Hereditary Tendency .....	4	2	6
Unascertained .....	131	125	256
Totals .....	160	154	314

TABLE No. 8—TORONTO.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number granted probational discharge .....	75	111	186
Discharged, recovered while on probation.....	12	21	33
“ improved “ “ .....	33	57	90
“ unimproved “ “ .....	1	1	2
Died while on probation .....	23	19	42
Returned to Hospital .....	6	13	19
Absent on probation on Oct. 31st, 1911 .....	75	111	186

TABLE No. 9—TORONTO.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases:—</b>						
Typhoid Fever .....				1	1	2
Influenza .....				1	3	4
Cerebro-spinal Meningitis .....						
Diphtheria .....						
Erysipelas .....					4	4
Septicæmia .....				1	8	9
Dysentery .....		1	1	5	4	9
Syphilis .....				1	1	2
Tuberculosis .....	4	4	8	31	69	100
<b>Constitutional Diseases:—</b>						
Rheumatism .....						
Arthritis Deformans .....						
Diabetes Mellitus .....	1	1	2	1	2	3
Stomach .....					1	1
<b>Diseases of the Digestive System:—</b>						
Mouth, salivary glands.....						
Pharynx .....						
Tonsils .....						
Œsophagus .....				1		1
<b>Diseases of the Intestines:—</b>						
Diseases of the Liver.....	1	1	2	6	6	12
Diseases of the Pancreas.....				2	1	3
Diseases of the Peritoneum.....				2	5	7
<b>Diseases of the Respiratory System:—</b>						
Diseases of the Nose and Larynx.....						
“ “ Bronchi .....		1	1	3	5	8
“ “ Lungs .....	4	5	9	26	34	60
“ “ Pleura .....						
<b>Diseases of the Circulatory System:—</b>						
Diseases of the Pericardium .....						
“ “ Heart .....	3	5	8	40	34	74
Arterio-sclerosis .....	1		1	12		12
Aneurism .....				1		1
<b>Diseases of the Blood and Ductless Glands:—</b>						
Anæmia .....				1	1	2
Pernicious Anæmia .....	1		1	3		3
Leukæmia .....						
Exophthalmic Goitre .....						
<b>Diseases of the Genito-Urinary System</b>				10	8	18
Kidney .....				3		3
<i>Carried Forward</i> .....	15	18	33	151	187	338

TABLE No. 9—TORONTO—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	15	18	33	151	187	338
Diseases of the Nervous System:—						
Diseases of the Nerves.....				2	1	3
“     “     Spinal Cord .....				1	1	2
“     “     Meninges .....						
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions).....	3	2	5	16	13	29
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria) .....						
Epilepsy .....	1	1	2	20	20	40
Mental Diseases:—						
Exhaustion of Acute Mental Dis- ease .....	1		1	18	20	38
Exhaustion of Chronic Mental Dis- ease .....				8	6	14
General Paresis .....	14		14	114	9	123
Intoxications:—						
Alcoholism .....				2		2
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age.....	10	11	21	44	42	86
Accident .....				1	2	3
Suicide .....				7	3	10
Surgical Diseases .....						
Gynæcological Diseases .....						
Malignant New Growths, or Cancer....				5	3	8
Totals .....	44	32	76	389	307	696

TABLE No. 10—TORONTO.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium .....									
(b) Infection Delirium .....									
(c) Post Infection Psychoses.....				1		1			
Exhaustion Psychoses:—									
(a) Collapsed Delirium .....	2		2					1	1
(b) Acute Confusional Psychoses.....	1		1	1	2	3	1		1
(c) Neurasthenia .....									
Intoxication Psychoses:—									
(a) Acute Intoxications .....				41	7	21			
(b) Chronic “ .....							1		1
(a) Alcoholism (acute and chronic)...	16	2	18						
(b) Delirium Tremens .....									
(c) Korsakow's Psychoses .....									
(d) Acute Alcoholic Hallucinosiis.....									
(e) Alcoholic Hallucinatory Dementia.....		2	2						
(f) “ Paranola .....									
(g) “ Paresis .....									
(h) Morphinism .....	2	1	3	2	2	4			
(i) Cocainism .....	1		1	2		2			
Thyroigenous Psychoses:—									
(a) Mixedematous Psychoses .....									
(b) Cretinism .....									
Dementia Præcox:—									
(a) Hebaphrenic .....	22	24	46	16	23	39	3	6	9
(b) Catatonic .....	23	52	75	18	27	45	6	12	18
(c) Paranoid .....	14	10	24	3	3	6	3	6	
General Paresis .....	38	3	41	6		6	16		16
Organic Dementias:—									
(a) Cerebral Sclerosis .....									
(b) Huntingdon's Chorea .....									
(c) Multiple Sclerosis .....				1		1			
(d) Cerebral Syphilis .....		1	1	1		1			
(e) Tabetic Psychoses .....									
(f) Arterio-sclerotic Psychoses .....				1		1			
(g) Cerebral Tumor, Abscess, Hæmorrhage	1		1				2		2
Involution Psychoses:—									
(a) Melancholia .....	4	12	16	4	11	15		1	1
(b) Pre-senile Delusional Psychoses.....	1	1	2						
(c) Senile Dementia .....	12	16	28	2	2	4	13	10	23
Manic Depressive Psychoses:—									
(a) Manic States .....	2	7	9	4	10	14			
(b) Depressed States .....	4	4	8	2	9	11			
(c) Mixed States .....	2	3	5		2	2			
Paranola .....									
<i>Carried Forward</i> .....	145	138	283	78	98	176	42	30	72



TABLE No. 10—TORONTO—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	145	138	283	78	98	176	42	30	72
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses .....	1	2	3	2	3	5	2	2	4
(b) Hysterical Psychoses .....	...	1	1	...	...	...	...	...	...
(c) Sexualis Psychopathia .....	...	...	...	...	...	...	...	...	...
States of Deficient Mental Development:—									
(a) Imbecility .....	14	13	27	6	4	10	...	...	...
(b) Idiocy .....	...	...	...	...	...	...	...	...	...
Not Diagnosed .....	...	...	...	...	...	...	...	...	...
Not Insane .....	...	...	...	...	...	...	...	...	...
Totals.....	160	154	314	86	105	*191	44	32	76

\*Includes deported.

TABLE No. 11—TORONTO.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct 31st, 1911.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	39	27	5	8	6	14
From 1 to 2 months .....	24	24	4	11	...	3
“ 2 “ 3 “ .....	17	26	3	12	...	3
“ 3 “ 4 “ .....	26	20	5	10	...	1
“ 4 “ 5 “ .....	3	18	9	8	1	3
“ 5 “ 6 “ .....	4	16	3	10	...	3
“ 6 “ 9 “ .....	20	40	10	23	1	3
“ 9 “ 12 “ .....	13	18	10	12	...	1
“ 12 “ 18 “ .....	28	53	5	8	1	5
“ 18 months to 2 years ..	25	28	...	7	...	...
“ 2 to 3 years .....	36	55	4	3	...	10
“ 3 “ 4 “ .....	22	65	...	2	...	4
“ 4 “ 5 “ .....	10	41	1	3	...	3
“ 5 “ 10 “ .....	23	180	...	4	...	7
“ 10 “ 15 “ .....	4	97	...	1	...	4
“ 15 “ 20 “ .....	8	86	...	1	...	3
“ 20 years and upwards.	12	112	...	...	...	9
Totals.....	314	906	*59	†123	9	76

\* Includes 3 deported.

† Includes 19 deported.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOMEWOOD SANITARIUM, GUELPH, FOR THE YEAR  
ENDING OCTOBER 31ST, 1911.

INSANE BRANCH.

TABLE No. 1.

Showing movements of patients in the Hospital for the official year ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital, both Branches.....	50	50	100			
In Residence October 31st, 1910 .....				20	29	49
Admitted during year 1911:						
By Warrant .....						
By Medical Certificate.....	26	27	53	26	27	53
Total number under treatment during year.. .....				46	56	102
Discharges during year:						
As recovered.....	9	11	20			
" improved .....	8	7	15			
" unimproved.....	2	1	3			
" not insane .....						
Total number discharged during year...	19	19	38			
Died.....	4	2	6			
Deported .....						
Eloped .....						
Transferred .....	6	6	12	29	27	56
Remaining in Hospital October 31st, 1911				17	29	46
Total number admitted since opening of Hospital.....				363	358	721
Total number discharged since opening of Hospital.....	267	270	537			
Total number died since opening of Hospital.....	48	24	72			
Total number deported since opening of Hospital.....						
Total number eloped since opening of Hospital.....	2	2	4			
Total number transferred since opening of Hospital .....	29	33	62	346	329	675
Total remaining in Hospital Oct. 31st, 1911.....				17	29	46
Daily average population (male and female, both Branches).....			98.0			
Collective days' stay of all patients in residence during year .....						
Number of applications on file.....						

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOMEWOOD SANITARIUM, GUELPH, FOR THE YEAR  
ENDING OCTOBER 31st, 1911.

VOLUNTARY BRANCH.

TABLE No. 1.

Showing movements of patients in the Hospital for the official year ending October 31st, 1911.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....						
In Residence October 31st, 1910.....				21	18	39
Admitted during year 1911:						
By Warrant.....						
By Medical Certificate.....	127	55	182	127	55	182
Total number under treatment during year .....				148	73	221
Discharges during year:						
As recovered .....	67	25	92			
" improved .....	34	20	54			
" unimproved .....	6	4	10			
" not insane.....						
Total number discharged during year....	107	49	156			
Died.....	3	2	5			
Deported .....						
Eloped .....	2		2			
Transferred .....	2		2	114	51	165
Remaining in Hospital October 31st, 1911.....				34	22	56
Total number admitted since opening of Hospital.....				1,105	385	1,490
Total number discharged since opening of Hospital.....	1,010	340	1,350			
Total number died since opening of Hospital .....	29	10	39			
Total number deported since opening of Hospital.....						
Total number eloped since opening of Hospital.....	20	2	22			
Total number transferred since opening of Hospital .....	12	11	23	1,071	363	1,434
Total remaining in Hospital October 31st, 1911.....				34	22	56
Daily average population .....						
Collective days' stay of all patients in residence during year .....						
Number of applications on file.....						

















